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ABSTRACT

This document is a guide to opportunities in liberal arts and sciences at the eleven major midwestern universities involved in the consortium, Committee on Institutional Cooperation (CIC). The guide is divided into fourteen chapters by school. Within each chapter the schools are discussed in terms of admissions policies, transfer of credit, coursework and examinations for credit, requirements for graduation, student services, and unique programs. Discussion of graduation requirements, possible majors, and course offerings for each school is limited unless otherwise specified, to the area of liberal arts and sciences. Listed in the appendices are abbreviations used in this text and other educational publications, useful addresses for each CIC school, application fees, deadlines for application, notification dates and registration fees, admissions requirements, centers for testing and schools accepting credit in the College-Level Examination Program, and a list of majors for each school in the areas traditionally covered by liberal arts and sciences. (Author/MJM)

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EDUCATION FOR THE ITINERANT STUDENT

A Guide to Opportunities
in
Liberal Arts and Sciences at CIC Universities

by

Patricia Ann McFate

The Committee on Institutional Cooperation

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PREFACE

A few definitions, explanations, and disclaimers are in order. Perhaps it would be best to begin with the title of this GUIDE. The CIC is the Committee on Institutional Cooperation, a consortium of eleven major midwestern universities: Chicago, Illinois, Indiana, Iowa, Michigan, Michigan State, Minnesota, Northwestern, Ohio State, Purdue, and Wisconsin. Included in the CIC for purposes of this study are two urban campuses: the University of Illinois at Chicago Circle and the University of Wisconsin at Milwaukee. A third, and a unique linkage of two CIC Universities, Indiana University-Purdue University at Indianapolis, has also been included as a separate institution in the GUIDE because of its distinctive offerings.

The GUIDE is thus divided into fourteen chapters by school. Within each chapter the schools are discussed in terms of admissions policies (Section I and Table 1); transfer of credit (Section II and Table 2); coursework and examinations for credit (Section III and Table 3); requirements for graduation (Section IV and Tables 4 and 5); student services (Section V and Tables 6,7, and 8); and unique programs (Section VI and Table 9). Discussion of graduation requirements, possible majors, course offerings, etc., found in Tables 1 through 5 and Table 9 for each school is limited, unless otherwise specified, to the area of liberal arts and sciences. Obviously, there are other major programs in the CIC Universities--art, architecture, business administration, and engineering, to name a few. To find material on these degree programs, consult the school catalogs. The services discussed in Tables 6 through 8 are generally available to all students.

Listed in the Appendices are abbreviations used in this text and other educational publications (Appendix 1); useful addresses for each CIC school (Appendix 2); application fees, deadlines for application, notification dates, and registration fees (Appendix 3); admissions requirements (Appendix 4); centers for testing and schools accepting credit in the College-Level Examination Program (Appendix 5); and a list of majors for each school in the areas traditionally covered by liberal arts and sciences (Appendix 6). Throughout the chapters and in Appendix 6, only four-year baccalaureate programs are listed and discussed. For information on associate and other degrees, consult the school catalogs. A topical index of tables, giving specific titles and page numbers of tables and appendices begins on page xiii.

And now a word about itinerant students, or more specifically about what itinerant students are not. They are not college bums, moving from school to school as the weather changes, nor are they those admirable people who desire education entirely for its own sake and care little for credits and degrees.

Rather, itinerant students are those who wish to earn a degree but are unable to spend four consecutive years on one campus because of military service, marital or familial obligations, work requirements, health, or other reasons. Happily, these students will find their opportunities for completing their degrees increasing with time as more and more schools talk about or move into the area of life-long education, learning contracts, and more universal transferability of credit. (Where fact may not yet be, will is.)

Big universities may seem like factories or super markets to you, the undergraduate itinerant student. Either you see yourself on an assembly line being put together by a number of experts who want you to look exactly like your counterparts when you reach the factory door or in a mammoth grocery store with too many shelves and too much merchandise, and all you can do is shut your eyes and start picking cans off the nearest shelves. A few administrators at large universities share these misconceptions with their students, but the majority do not. The fact that this GUIDE is being published with the cooperation of the CIC schools is one indication that many people know you aren't all alike. What you need to do is take the first step.

To begin with, you need to analyze your own situation. If you are a potential CIC student who will be able to carry only a part-time load because of responsibilities during the daytime, investigate credit work in extension, correspondence study (often called independent study, and for good reason), regular night class offerings. Offices of Extension and Correspondence Divisions are listed in Appendix 2 for each CIC school. Be sure to discuss your selection of courses with an academic adviser in the extension office or your prospective college dean.

If you have collected college credit from a variety of sources--USAFI, junior college work, CLEP, for example--consult Tables 2,4, and 5 for each school to see how easily in general your work will fit into the requirements of your chosen school. Then write a letter to the Office of Admissions of your prospective school asking about the applicability of your credits toward the degree requirements of a specific college within the university. Addresses of Offices of Admissions are listed in Appendix 2.

If you are going to continue to take coursework at a community college or four-year institution before transfer to your CIC University, write and ask an admissions officer, or better yet a college representative, if the courses you have selected are acceptable. If you live within close range of the University, you may wish to visit the College Office. Make an appointment first. After you visit, it may be wise to summarize your understanding of the conversation in a letter. An informal relationship with your future College Office is beneficial in two ways: you will be able to plan your coursework more carefully so that your transfer credits will be acceptable, and you will have established a possible future contact who can guide you through your degree program ("possible" because deans and other college advisers are peripatetic creatures--another reason why you should put any negotiations in writing for your file and the College's files).

If you are in a position to choose among schools, you will need to make a comparative study of offerings. You may find that one of the programs discussed in Section VI of each chapter fits your abilities and aspirations. If, on the other hand, you are committed to one particular geographical area, you will probably be able to choose between two or three schools at most. Remember that many CIC schools have an "ad-hoc" or "individual study" major in which the student makes a number of choices based on a coherent study plan; some also offer a bachelor's degree in general studies in which the student is totally (or almost totally) free to select courses. Several of the CIC Universities have also opened residential colleges as separate degree-granting units. The advantages of a small residential college within a major university are many: close relationships among students and between students and faculty members who are assigned to the college; a strong emphasis on excellence of teaching and on a variety of techniques, including seminars, lectures, tutorials, fieldwork, team teaching, and guest speakers; at the same time, the use of the facilities of a large university such as the library, student lecture-concert programs, and student activities. However, itinerant and other students should consider the fact that communal experience is the keynote of a residential college. Those not willing to live, discuss ideas, and do most of their classwork with a small group of students should not apply.

The unique or unusual degree programs are, of course, only a few of the majors available to arts and sciences students. They may not be the best choices for an individual student, particularly the prospective graduate student, but they do represent new, innovative, and/or student-oriented options available on the CIC campuses. All CIC schools are strong academically. It would be difficult to make a wrong choice.

The CIC schools, although different in location, background, and in some cases educational philosophy, share certain administrative policies. Minorities, including women, are generally represented on the recruitment and admissions staffs. Admission into all the undergraduate liberal arts and sciences programs is equal regardless of age, sex, marital status, parental status, or cultural background. Certain services are available: psychological and vocational counseling and academic advisement by minority (usually Black) and white, female and male staff members. At many schools, resource centers are designed for minority groups, veterans, women, and the physically handicapped. Because these centers differ widely in organization, they are discussed separately, for each school, in Section V. Career counseling and other services are also discussed in Section V.

Most schools have spaces in their classes for itinerant students who are degree candidates. In general, however, transfer students with grade point averages below graduation standards, if accepted, must make up grade point deficits in work taken at the transfer school. Furthermore, residency requirements, including residency in the major field, may limit the number of colleges in which a student can register if the baccalaureate degree is to be completed in a reasonable amount of time. In general, college administrators at CIC schools are not enthusiastic about the graduation prospects of a student who has moved from school to school over a period of time. But academic advisement is available to prospective students at every CIC school. For further information, see Table 1 for each school.

There is a good deal of discussion these days about "non-traditional education" and as many definitions of this term as there are speakers. If non-traditional studies are those which are not taken in a campus classroom situation, then obviously all the CIC schools offer and accept varying amounts of non-traditional transfer work in the form of correspondence study, extension courses, Study Abroad programs, independent study, or fieldwork in the natural and social sciences. In addition, the schools offer credit-by-examination programs in which basic skills, general education requirements, foreign languages, and in some cases a portion of the major may be completed. The extent to which the CIC schools offer Advanced Placement credit, proficiency examinations, College-Level Examinations Program (CLEP) Examinations, and other tests permitting college credit varies widely. Sections II and III of each chapter discuss the availability and transferability of specific nontraditional programs.

The CIC Undergraduate Traveling Scholar Program is another method of earning credit for work taken away from the home CIC campus, by registration for courses in another CIC school. At present this program is limited to intensive coursework in the "exotic languages." A larger Traveling Scholar program is available to CIC graduate students. A catalog of CIC Study Abroad programs has been published; many of these programs are open to students registered in universities outside the CIC. For information consult the CIC Office, Suite 970, 1603 Orrington Avenue, Evanston, Illinois 60201.

CIC schools generally do not give credit for community service, life and work experience, military service, unstructured travel abroad, and other informal nontraditional studies unless they appear in the form of credit hours and grades on the transcript of an accredited, academic institution. The only total learning-contract system in which the student need not appear on campus and does not take coursework for specific credits is the University Without Walls program at the University of Minnesota (see Section VI in the chapter on Minnesota). Students completing this program receive a baccalaureate degree. Students attempting to transfer from this program to another CIC university may experience a good deal of difficulty.

For the itinerant student, here is some general advice:

1. To avoid problems of acceptance of transfer work, a) do not repeat college courses for which you have received a passing grade; CIC schools generally don't give credit for duplicate college work; b) also do not duplicate high school foreign language work; c) avoid most technical-vocational courses (stenography, typing, data processing, office machines, hospital nursing or R.N. courses, radar training); d) do not register for more than 60 semester hours or 90 quarter hours at a junior college; and e) try to avoid remedial courses which do not carry graduation credit. Changing majors after several years of college may also cost you credit, particularly a switch to a very different field, for example, from engineering to English literature.

2. There are several useful reference books to read at the library:

Occupational Outlook Handbook (U.S. Department of Labor)

New York Times Guide to Continuing Education in America

Turner, Cornelius P., ed., A Guide to the Evaluation of Educational Experiences in the Armed Services

or send for or purchase:

College-Level Examination Program:
A Description of the General Examinations

College Level Examination Program:
A Description of the Subject Examinations

Publications Order Office, CEEB
Box 592, Princeton, New Jersey 08540 (free)

Guide to Independent Study
National University Extension Association
One DuPont Circle, Suite 360
Washington, D. C. 20036 (50¢)

3. If you have questions regarding the evaluation of your credit, first see the Office of Admissions, then your College Office. Credit evaluation is usually assigned on the basis of catalog descriptions which may not correspond with actual course content. Bring a copy of the syllabus for the course you have taken to the conference in which you discuss credit evaluation.

4. Most CIC schools require competence in a foreign language to the level of two years of college work. If you are not exempted from this requirement, it never hurts to take the University's foreign language placement test. The test will establish your present proficiency in the language and will give some indication of how your previous language experience compares to the language as it is taught at the University. If you place below the level for which transfer credit has been posted, you may begin a new language, disregard the results (very risky), or accept the results even if it means loss of credit.

5. Recent information on changes in programs, options, etc., is frequently published in the student newspaper. Check all information with an academic adviser.

6. Independent Study, credit by examination, and many other methods of earning off-campus credit toward graduation are often available but not well publicized. Again, ask an adviser.

7. Occupational libraries are usually found in counseling centers. Other services may also maintain materials on careers and graduate programs. Ask a counseling center staff member or college adviser.

8. To make a house a home, remember that most campuses have handbooks--not student rules and regulations but informal guides to campus services and the university as a whole. Ohio State's booklet, "Services and Activities for You" ("SAY"), is a good example. SAY answers all the questions you ever had about OSU services and organizations and never thought to ask (with one exception: it neglects to give the student nicknames for the new twin 24-story dormitory towers--Sodom and Gomorrah). The University of Chicago's Avocado is a less reverent example, as these quotations from its advice to new students will illustrate:

> After enjoying a particularly good root beer with your honey in either the C Shop or Bandersnatch, crumple the cup against your forehead and breathe a thick sigh of luxurious content.
>
> It is customary to be depressed during the entire Winter Quarter.
>
> When the President and a former College Dean are seen strolling together, it is customary to hop backwards across their path, smiling, and tipping your cap.

9. Whether they have a Center for Women or not, the CIC Universities have established offices which deal with the status of women on campus. Staff members hear complaints of students, staff, and faculty, generate new programs, and review records of employment, awards of teaching assistantships, and salaries. For information, ask a college adviser or faculty member.

10. University officers dealing with veterans benefits are generally located in the financial aids or admissions office. For a list of VA benefits offices, see Appendix 2.

And survival hints:

11. Keep a copy of everything you turn in: program registration,

drop-add slips, and other papers. Forms do get mislaid or lost between a college office and the data processing areas.

12. Until you become adjusted to the pace of the school, take a moderate course load. Drop inappropriate courses early in the term, during the period in which drops can be made. Take only reasonable risks, particularly if you are on probation.

13. Information on tutorial help is available in college and departmental offices and in student counseling services.

14. Tutorial assistance is available for veterans or servicemen enrolled under the GI Bill in post-secondary (above high school) training at an approved educational institution. The student must be registered for at least a half-time program, and the school must certify the need for tutorial help to avoid failing a course which is an essential part of the student's program. For the steps to follow to receive payment for tutorial assistance--up to $50 monthly for a maximum of 9 months--contact a VA office or see VA pamphlet 21-70-1, September 1970.

15. Read the college handbook, bulletins, newsletters, and letters to students.

A few words of warning: college catalogs and guides are like the top ten on radio--they quickly grow obsolete. Requirements for majors, for distribution areas, and for basic skills are constantly changing. Residency requirements may possibly be loosening. Some schools are considering different calendar systems (from semesters to quarters, from quarters to trimesters, etc.) The GUIDE represents the latest information obtainable as of 1972. Programs change, and

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UNIVERSITY OF CHICAGO

INTRODUCTION

About 75-80% of the undergraduates at the University of Chicago (UC) will go on to a graduate or professional school; about 16% will complete a Ph.D. Alumni include Mike Nichols, Saul Bellow, Kurt Vonnegut, Senator Charles Percy, James Dewey Watson ("The Double Helix"), and the first woman to be entered on the FBI's list of the ten most wanted people. What these graduates and present and prospective students have in common are certain givens: intellectual promise, special gifts, independence of thought and action, and a devotion to hard work and serious discussion. Many delight in play--in 1970, 1,500 students observed the crowning of Gangrene LaRue as Mr. U. of C. at the Lascivious Costume Ball--but even the cheers at sports events are distinctly intellectual:

Themistocles, Thucydides
The Peloponnesian War
X squared, Y squared
H_2SO_4
Who for, What for
Who we gonna yell for
Marooons!!!

The campus, located in Hyde Park, an integrated, civic-minded section of Chicago, includes Frank Lloyd Wright's Robie House, now the home of the Adlai E. Stevenson Institute; Rockefeller Chapel, a Gothic cathedral designed by Bertram Goodhue, the designer of the Empire State Building; the Oriental Institute, a nationally known collection of artifacts; the Enrico Fermi Memorial, the site of the first self-sustaining nuclear reaction, a National Historical Landmark, and a spot commemorated by "Nuclear Energy," a

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sculpture by Henry Moore; and the Midway, a sloping grassy area which was part of the 1892 Columbian Exposition. Two University buildings, the Graduate School of Social Service Administration and the Law School, are representative of the late work of Ludwig Mies van der Rohe and Eero Saarinen.

The University is small, with 2,100 undergraduates in the College and 5,500 graduate students. There are over 300 full-time faculty members engaged in the undergraduate teaching. UC has 21 departments rated by the American Council on Education as being among the nation's top ten in the arts and sciences, and the faculty includes recent Nobel Prize winners in genetics, chemistry, and cancer research. Most undergraduates find the faculty available to students and interested in teaching their field.

In Fall 1971, 49% of the freshman class at UC had graduated in the top 5% of their high school class; 16% were in the second 5% of their graduating class. The mean SAT verbal and mathematics scores of this class were 640 and 654. In 1970-1971, Blacks were 11.9% of the entering class, but only a few were educationally disadvantaged. College administrators believe that older students might have difficulty with the undergraduate science requirements. There are older students, however, including housewives, in the masters programs.

The undergraduate curriculum has a basic structure upon which students build a wide variety of programs. Incoming freshmen are enrolled in the Common Year. During the first year, students generally take three of the four Common Core sequences (biological sciences, humanities, social sciences, physical sciences); their fourth course may be foreign language, mathematics, "free exploration," or the beginning of a major. In the sophomore year, a student selects one of the five Collegiate Divisions (see Table 4), but usually does not start on the major until the third year. The sophomore year consists of studies completing the Common Core plus sequences relevant to the prospective major, at least half of which are interdivisional or outside the division of the major. The first two years, then, represent a rational and intelligible structure of "general" studies before students begin work in the major concentration.

The Core Curriculum, the faculty, the campus, and the students themselves contribute to making the UC tradition. In the words of one student:

> If there is one interest that is commonly shared at UC, it must be enjoyment of the Academic Life. Few people come here for other purposes. Ultimately, the University of Chicago is a great way to develop one's interests and "character," through the vehicle that has been referred to as the life of the mind. . . . We don't amble over to the "libe" to crack the books for a few hours. Rather, we tend to live in near-total immersion in academe.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

Because of the University's commitment and belief in the Core Curriculum, it is less than receptive to the notion of itinerant students. There are no recruitment programs directed toward transfer students. UC's concern with upholding academic excellence is reflected in a tight transfer admissions policy. The undergraduate college is only interested in the exceptional transfer student;

competition for spaces in the classes is intense because the quota system for transfer students is based not only on academic ability but space in the class and in a specific degree program. In Fall 1972, 70 transfer students were admitted; in 1971, 35 were admitted.

However, undergraduate students with academic promise have been admitted as degree candidates without high school diplomas. This and other requests for exceptions to admissions requirements are received by the Director of Admissions and acted upon by the Director, the Dean of Undergraduate Students, and the Dean of Students. Personal recommendations and interviews with students are a part of the appeal process. The decision to waive admissions requirements is based on motivation and ability to succeed at UC.

There is no admissions quota on undergraduate part-time students, but they are not encouraged (of the 2,100 undergraduates, approximately 2,000 are full-time); the college feels that the designed sequences do not lend themselves to part-time work. Transfer students would most likely not be accepted if they have completed two years of college work elsewhere, again because of the demands of the tightly structured UC curriculum. There is no admissions quota on out-of-state students.

There is no bachelor's degree offered in General Studies at UC. The New Collegiate Division offers interdisciplinary courses in a number of fields (see Unique Programs). Students who are not pursuing a degree, including students who already hold a bachelor's degree, are permitted to enroll at UC. Nondegree candidates are admitted in one of two categories: nondegree extension students or students-at-large.

The University Extension offers no degree programs, and its emphasis is on noncredit adult education. However, there is a small program of credit courses administered by the Extension. Generally, credit courses are offered on the UC campus Quadrangles; noncredit courses are given in the Downtown Center, 65 East South Water Street. Nondegree students may register for regular UC credit courses without going through admissions procedures, but the successful completion of the courses does not automatically lead to acceptance as a degree candidate. Extension students must apply for admission as degree candidates; if accepted, the work taken previously would be counted toward graduation on payment of additional fees representing the difference between degree and nondegree tuition.

There is no limit to the number of credit courses taken by extension students; course selection is limited only by the departmental offerings and the need in some courses for specific prerequisites. Laboratory science courses are rarely offered through Extension. Nondegree students interested in registering for such courses should apply as students-at-large.

Students-at-large go through regular admissions procedures, pay full tuition, and have access to all courses in the College. Advance registration is not permitted in this category, and financial assistance is not available from the University. The student-at-large is not eligible for residence in a University dormitory. If a student-at-large's studies are interrupted during the academic year for any reason, or if registration in coursework is desired beyond one academic year, he or she must reapply for admission.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	The College Office
students withdrawing from the university	The College Office
students dropped for academic reasons	The College Office
prospective freshmen	The College Office
applicants for transfer	The College Office
applicants for readmission	The College Office

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions	x			Two-year residency is the only limitation.
academic work at provisionally-accredited two- or four-year institutions	x			
academic work at unaccredited institutions		x		
academic work at junior colleges	x		no limit	No courses in home economics, hygiene, etc.
United States Armed Forces Institute (USAFI)		x		
College-Level Examination Program (CLEP)		x		
American College Test (ACT)		x		
Advanced Placement	x		no limit	See Table 3, footnote 3.
educational television		x		
formal schooling in the military service	x		no limit	University of Maryland work is acceptable.
occupational training in the military service		x		
military service		x		
correspondence work from own institution		x		
correspondence work from other institutions		x		
extension courses	x		no limit	Courses must be approved as degree courses.
technical-vocational courses		x		
pass-fail from other institutions	x		no limit	
nontraditional methods (learning contracts, community service, etc.)		x		

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum hours	comments
	yes	no		
Coursework:				
after 5 p.m.	x		no limit	
weekends		x		Extension Division--credit courses on Saturdays.
campus linkages		x		
workshops		x		
fieldwork	x		no limit	A limited number of courses are offered.
summer sessions for degree and nondegree students[1]	x			
correspondence		x		
extension	x		no limit	See the introduction to this chapter.
community centers		x		
military bases		x		
veterans hospitals		x		
educational television (campus station)		x		
remedial courses[2]		x		
Examinations:[3]				
English composition	x		3 1/2 Q.H.	
mathematics	x		no limit	
foreign languages	x		no limit	
general education requirements	x		variable	
major requirements		x		

CLEP[3] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Regularly enrolled students may register for courses during Summer Quarter. Nondegree students register through The Summer Session.

The University Summer Session offers a greater number of credit courses for nondegree students than the Fall, Winter, and Spring Quarter Extension offerings. Like the Extension offerings., Summer Session courses are part of the regular University curriculum and carry full regular academic credit. Also like the Extension program, registration as a Summer Session student does not constitute admission into a degree program; credit for such work may be applied toward a UC degree only upon admission as a degree candidate and upon payment of regular tuition fees. Few laboratory science courses were offered in Summer 1972, but more are planned for 1973. There should be intensive mathematics courses as well as chemistry and physics classes in Summer 1973.

Transcripts, other academic credentials, and formal application are not required. Students enroll in classes given on both the Quadrangles and the Downtown Center, depending on the specific class. Generally, class meetings before 5 p.m. are on the Quadrangles; those after 5 p.m. are at the Downtown Center, 65 E. South Water Street. For information, see the Office of Admissions.

[2] Remedial courses are available to students only in the sense that students may sit in courses without receiving credit if appropriate; an R grade is assigned in such cases. Registration for R grading should be arranged with the College adviser during the first two weeks of a quarter.

[3] UC administrators seem more flexible in their attitude toward Advanced Placement and departmental proficiency examinations than toward CLEP. An Ad Hoc Committee on Placement and Accreditation Examinations published a report in May 1972 recommending, among other actions, that A.P. examinations be used as a basis for awarding advanced standing to undergraduate students in all fields including general education and the major; that where these examinations are not appropriate, others, based upon general education courses and introductory courses in the program areas of the major, be prepared by the Collegiate Divisions and offered during the first quarter of a student's residence; and that additional examinations be prepared which represent accreditation tests for credit in specific courses in the field of major concentration or a cognate area, to be offered near the start of the quarter in which the course is given and to be taken only once by a student.

TABLE 4

University and College Graduation Requirements

Five Divisions--The Biological Sciences, The Humanities, The New Collegiate, The Physical Sciences, and The Social Sciences--combine to form The College which supervises undergraduate education. Requirements for all students in The College and in each Collegiate Division are listed below. Consult the Announcements for available options.

College Requirements

The Common Core: Each student in The College is required to achieve competence in four divisions, usually by taking one or another variant of a year-long course in the biological sciences, the humanities, the physical sciences, and the social sciences. In addition, students are required to take four additional year-long courses outside their field of concentration, two of which must be from another collegiate division. Consequently, half of a student's program is general education. The other half consists of six to twelve courses in a field of concentration and in free electives.

Residence: Students must complete a minimum of two years (18 courses) of full-time study in the College.

The Biological Sciences Division

1. The College Common Core

2. Foreign Language--first year competence

3. Second-Level Non-Science Courses--6 quarter courses in humanities and social sciences

4. Non-Biology Science Courses--8 quarter courses

5. Common Biological Core--6 quarter courses

6. Electives--up to 10 free electives which the student may arrange to accomplish by one of the following options:

Option A: a General Program
Option B: a Concentration Program
Option C: a Research Program

The Humanities Division

1. The College Common Core--12 courses

TABLE 4
(continued)

2. Second-Year Sequence in the Humanities, including at least two quarters of music or art--3 courses

3. Foreign Language--second year competence

4. A sequence in History of Western Civilization, or another history sequence--3 courses

5. Free Electives--courses outside the major and of the student's choice--9 courses

6. Courses in the "Major"--9-12 courses

7. Competence in Writing--those students needing writing improvement will have an individualized program of study designed by the Committee on Writing.

8. A total of no less than 42, no more than 48 quarter courses.

The New Collegiate Division

1. The College Common Core

2. Free Electives and such other sequences as the College faculty may require

3. Extradivisional Sequences--two 3-quarter sequences

4. Independent Study--at least 5 units

5. Courses listed as central to each of the programs

6. The certificate of language competency

7. The Qualifying Paper

8. The Bachelor's Paper

9. Students who enter at the end of their third quarter of residency in the College will be expected to be in residence in the Division for 8 more quarters.

The Physical Sciences Division

1. The College Common Core ("First Quartet")

2. "Second Quartet"--two restricted and two additional extra-divisional course sequences

3. Concentration Requirements

TABLE 4
(continued)

4. Free Electives

5. Foreign Language--first year competence

6. Competence in English--those students needing writing improvement will have an individualized program of study designed by the Committee on Writing.

7. Grade point average (on a 4.0 scale)--a minimum of 1.75 for all 42 courses; a minimum of 2.0 for all courses in the field of concentration; in addition, certain degrees make other grade point average requirements.

8. A total of 42 one-quarter courses.

The Social Sciences Division

1. The College Common Core

2. Social Sciences--8 required courses

3. Language and/or Mathematics--up to 6 courses

4. Free Electives--8 courses, 3 of which are to be other than social science courses

5. Fields of Concentration--up to 11 courses. Electives will be added to bring the total to 11 in concentration programs requiring less than the permitted maximum.

6. A total of 33 quarter courses beyond the 12 courses of the Common Core.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?[1]		x
4. Must the student be physically present on campus to earn residency credit?	x	
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements		x
c. major requirements[2]	x	
d. basic skills requirements[3]	--	--
e. minimum grade point average[4]		x
f. residency requirement		x

[1] No correspondence work is offered.

[2] The Program Chairman may waive major requirements on the basis of previous experience.

[3] There are no such requirements.

[4] There is no "forgiveness clause," but students may repeat a course and receive credit only for the second course.

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	Office of Career Counseling and Placement The College Office
veterans[1]	Office of Career Counseling and Placement The College Office
cultural minorities[1]	Office of Career Counseling and Placement The College Office
educationally disadvantaged[1]	Office of Career Counseling and Placement The College Office
physically handicapped[1]	Office of Career Counseling and Placement The College Office
other special groups:	
health sciences and law extension[3]	The College Office Dean of the University Extension

[1] The Office of Career Counseling and Placement (OCCP) provides services for undergraduate and graduate students which help them to make their own choices in the areas of education and career. A library of directories, graduate school catalogs, fellowship information, and other pamphlets is maintained, and vocational tests are administered when indicated. Information regarding career-oriented summer programs such as the UC Government Service (Washington Intern) Program and Careers in Social Work program is on file

in this office. OCCP counselors are available to provide information and to aid the student in any other way.

[2] Career counseling for women is also available in the office of the Dean of Undergraduate Students (the College Office). The Dean of the College is a woman, and she will see female students concerned with educational-vocational problems.

[3] Extension students include housewives, minorities, school teachers, and a few older men and women. The students receive grade reports, but there is no formal academic action taken on their grades. An extension student with a series of failing grades would, however, be advised to discontinue registration. Students are given academic counsel by the Dean of the University Extension and his staff. The typical student in this category--despite the friendly, interested counselors in the Extension Office, and despite the University's contention that the UC Extension program is important, that it is a quality program--regards himself as an outsider. Most students in academic difficulty leave the program of their own accord. No vocational counseling is offered in the office, but exit academic advice, if solicited, is given.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups[1] Blacks[2] rural Americans[3]	Office of College Admission and Aid: Urban Talent Search Grass Roots Talent Search
veterans	-----
women	-----
physically handicapped	-----

[1] Representatives of the Health Service, Housing, Financial Aid, and College Office are on the Administrative Committee on Special Problems of Minority Students in the College.

[2] The Urban Talent Search (UTS) is a recruitment program directed toward inner-city students from Chicago and Cleveland primarily; a few students are also recruited from Milwaukee, Hammond, Gary, and Philadelphia. It is a very small program--17 students were admitted in Fall 1972--for talented students in need of financial and educational support. UTS students are academically disadvantaged only in terms of the high standards set by the average UC undergraduate; their mean SAT scores, 571 on verbal, 555 on mathematics, are appreciably higher than the scores found for students in other CIC minority assistance programs.

UTS students in need of educational assistance may carry reduced programs and are provided with tutorial help if necessary.

They may attend a six-week summer orientation program in the fields of English composition and mathematics. During the 1972 Summer Program, 19 Black students were invited to attend. (Their admission to UC was contingent upon acceptance.) These students included UTS enrollees and others identified as needing academic assistance on the basis of high school records, SAT scores, or placement tests. Black counselors in the College Office advised the students on course selection and course loads.

[3]The Small School Talent Search (also called the Grass Roots Talent Search--GRTS) is beginning its thirteenth year at UC. Students from rural areas are recruited for this program from all over the United States and Canada. These students are not educationally disadvantaged; they rank near the top of their high school classes and present good college board scores. No supportive services are offered or required.

In Fall 1972, 33 students were admitted through GRTS. The purpose of this highly successful program is to prove that there are qualified potential UC undergraduate students whose only disadvantage is geographical.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid				
state grants	x		Committee on College Aid, Office of Admissions and Aid	See the Committee for assistance in application.
EOG	x			
military scholarships		x		Special scholarships are available for minority students.
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services	yes	no		
for spouse/dependents	x		University Health Service	
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance				
including pregnancy and childbirth	x		Office of Admissions and Aid	Voluntary coverage is available to cover pregnancy and childbirth for a student or a student's spouse.
for part-time students	x			
Participation in Activities/ Organizations				
equal for part-time	x		Dean of Students Office	Some organization bylaws require full-time programs for officers.
equal for women and men	x			
Housing				
equal for part-time[1]	x		Director of Student Housing	Required of freshmen.
Child care facilities[2]			Student Co-op, Reynolds Club basement	No University facilities.
Interlibrary loan			UC Library	
Recreational facilities			Dean of Students Office	
Tutorial services			The College Office	
Placement services			Career Counseling and Placement	
Participation in athletic programs[3]			Dean of Students Office	For all undergraduate students.
Short-term leaves[4]			Office of Admissions and Aid	No formal leave of absence procedure.

[1] All undergraduates under twenty-one years of age must live in a residence hall during their freshman year, unless they are living at home. Room assignments and exceptions to this rule are made in the office of the Director of Student Housing, Room 232, Administration Building. Rooms in student dormitories are available to part-time students in all quarters except Summer Quarter if they have an explanation for their part-time status and if they are degree candidates.

[2] A baby-sitting service is run by the Student Co-op. A list of community child care facilities is available from the office of the Vice-President for Planning.

[3] Itinerants, part-time, and veteran students may participate. There are no age limitations; however, no graduate students may play on the teams.

[4] A resumption-of-studies fee, $10, is assessed after absence from UC of more than four quarters, but the fee is applicable toward the first quarter's tuition.

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
New Collegiate Division	B.A.	yes

The New Collegiate Division offers cross-disciplinary and experimental coursework in five fields of concentration: Civilization Studies, History and Philosophy of Religion, History and Philosophy of Science, Ideas and Methods, and Philosophical Psychology. A sixth field, Tutorial Studies, is a program designed for students who are capable of carrying out their own academic projects. In this program, coursework related to the project is combined with coordinated reading and writing courses. Students who apply for admission to Tutorial Studies must submit their project in writing.

Each New Collegiate student program is specialized and is designed to provide real competence in a field of knowledge. Independent study is stressed, including independent reading, tutorial work with a faculty member, auditing of courses, and preparation of the Qualifying and Bachelor's papers. Independent Study courses are graded Pass/Incomplete/No Pass. Since students do a substantial portion of their [illegible] in independent study, qualitative statements are available from the faculty members supervising the projects for use in graduate applications or in evaluation for honors and other awards.

Transfer into the Division would be difficult but not impossible for itinerant students, depending on their previous college coursework.

Because of the small number of undergraduate students, the individual attention available from faculty members and the Dean of the College, and the accessibility of academic advisers, students in any of the five divisions at UC can work on individual major programs even if the programs did not previously exist. The amount of personal attention given to UC undergraduates is unique in itself among CIC schools.

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE

INTRODUCTION

The University of Illinois at Chicago Circle (UICC) is an urban university with all the advantages and disadvantages that such a location offers--entertainment, the arts, professional sports, traffic, smog, the troubles of life in the big city. The campus is a concrete-and-glass modular complex built in an inner-city neighborhood, an appropriately urban design and setting. Buildings are structured for the specific requirements of the offices or classes occupying the space and a dual-level walkway system provides entry to buildings at both the ground and second levels (some help during the raw Chicago winter). It is the look of a campus designed and built in one piece unlike the other CIC campuses which mix and not always match old and new styles of architecture.

The majority of the students at UICC are young, white city kids, but there are veterans, older men and women, a few ex-cons and ex-addicts, and a growing number of Blacks, Spanish-speaking, and American Indian students. The dominant age categories are eighteen to twenty-one and the overwhelming majority of the students are under twenty-four years of age, but student age ranges from less than eighteen to over fifty. Indeed, the latest report shows a 5% increase in the number of students twenty-four years and older. This increase may be due to the increase in graduate-degree programs or to the number of undergraduate students returning to school after several years absence. Over 11% of the students have completed their military obligation, an increase over a 1968 survey of students.

Most of the student body are residents of Cook County, and most grew up in Chicago or its suburbs. No dormitory facilities are available, and many students live at home. The largest proportion of the fathers of students are engaged in semi-skilled and unskilled occupations. The mothers of three out of every four students work. The students also work while attending UICC; about 70% are in part or wholly self-supporting. Of those who receive financial aid, an estimated 3,196, about 50% have indicated that they would not be able to attend the University without some kind of aid.

The school is an easier place to survive than the University of Illinois at Urbana-Champaign--a lower mean high school rank (71% as compared to 90% for UIUC) and a lower mean ACT composite score (22 as compared to 26 for UIUC) of admitted Liberal Arts and Sciences freshmen in Fall 1972 suggest this--but the quality of UICC's programs is high. Many majors are related to community interests and problems, but they are solidly academic in their foundations. The faculty ranges between academic elitists and moderately radical types, but the majority represent some sort of happy compromise.

In addition to various lecture, film, social, and recreational programs on campus, UICC students have available to them the resources of the city. A listing of off-campus programs would be impossible in the space of this introduction except to say that Chicago has possibly the best symphony orchestra in the country, a well-known opera company, the splendid Art Institute, the Museum of Contemporary Art, the Goodman Theatre, the Museum of Science and Industry, the Field Museum of Natural History, the Chicago Historical

Society (a fine collection of objects relating to U.S. History), and specialized museums with exhibits ranging from Judaic manuscripts to X-ray therapy techniques, African-American history to Polish documents. Then there is the Chicago Picasso, and the Chicago Chagall to come. The best advice for a new student who is a stranger to the city is to buy the Chicago Guide which provides a list of an overwhelming array of cultural events, restaurants, and places to visit.

Like its location, there are both drawbacks and benefits to UICC. Three unresolved campus problems are an inadequate library, an absence of night classes (an extended day program will be initiated in September 1973), and a failure of consensus regarding the mission and identity of UICC. A recent report made by a task force in the College of Liberal Arts and Sciences (LAS) revealed that students and faculty, when questioned, were uncertain about the mission, goals, and unique aspects of the campus. The task force concluded that UICC's failure to define its purpose has led to its inability to direct efforts in the light of that mission or to objectively judge its performance accordingly.

The greatest benefit to future students will be derived from an aggressive upper-level administrative staff determined to develop a cohesive urban-oriented plan for UICC. It is appropriate that Jane Addams' Hull House is situated on campus. Now restored and designated as a National Historic Landmark, Hull House stands as a memorial to Jane Addams and her associates and the programs they established to help people improve conditions under which they lived.

Hull House is emblematic of the UICC commitment to the urban community. This belief has been demonstrated by the University's support of the Educational Assistance and the Native American Programs, two nationally recognized minority programs (see Resource Centers), its creation of interdisciplinary degree programs and course offerings of interest to the Black, Latin, and Slavic communities of Chicago (see Unique Programs), its present development of a College of Urban Sciences, and its new baccalaureate degree program in social work.

If the new administration can channel its concern, energy, and goodwill into constructive programs, the University will be of service not only to its students and community but to Chicago and the entire state of Illinois.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

There are no special recruitment programs directed toward itinerant students at UICC. The Native American Program recruits Indian students, and the Educational Assistance Program recruits minorities and low income students (see Resource Centers). Either Program would offer its help to transfer students, veterans, or older women and men who qualify for its services.

Students are admitted who are not pursuing a degree only if they have already completed a baccalaureate degree. These irregular students may take any course for which they have the prerequisite if space is available in the course. Those wishing to take lower division science courses to fill preprofessional curricula requirements (premedicine, prenursing, etc.) will not be admitted unless they have a superior undergraduate cumulative average because of space limitations in the laboratory courses. There is no admissions quota on irregular students.

There is no General Studies degree at UICC. The College of Liberal Arts and Sciences (LAS) offers an Experimental Bachelors Degree program (see Unique Programs).

Students need not pursue a full-time program at UICC, and there is no admissions quota on part-time students; but LAS students registering for less than 12 quarter hours must receive the permission of their College Office. There is no out-of-state admissions quota on students.

Recruitment without sexual bias into health sciences programs traditionally associated with one sex is actively practiced. The University of Illinois School of Nursing, located at the Medical Center, is recruiting male nursing students; the College of Medicine has recently reiterated its encouragement and support of women applicants. The chairman of the Premedical Committee and the LAS dean in charge of advising students in the area of the health sciences are women.

Exceptions to stated admissions requirements are considered in the LAS Office. Students who have been refused admission to LAS may petition for a waiver of certain requirements. The petitions are available in the Office of Admissions and Records and should be filed in that office. Petitions are acted upon by designated LAS administrative officers rather than Admissions and Records personnel. High school unit requirements are frequently waived on the basis of high school grades, ACT scores, veterans status, or maturity. The high school rank requirement may also be waived on these grounds. Students with college transfer work below a 3.00 average may also petition for admission. Each case is acted upon individually, and questions regarding decisions should be directed to the College Office.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	LAS Office Office of Admissions and Records
students withdrawing from the university	LAS Office
students dropped for academic reasons	LAS Office
prospective freshmen	Office of Admissions and Records
applicants for transfer	Office of Admissions and Records LAS Office LAS Departments
applicants for readmission	LAS Office (if previously dropped or on probation for academic reasons) Office of Admissions and Records (if on clear status)

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work *	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions[1]	x		no limit	
academic work at provisionally-accredited two- or four-year institutions[1]	x		no limit	Accepted on a deferred basis. The student must receive a C average on 18 quarter hours of UICC work to count the transfer work.
academic work at unaccredited institutions		x		
academic work at junior colleges[1]	x		90	Only academic work.
United States Armed Forces Institute (USAFI)	x		no limit	
College-Level Examination Program (CLEP)[2]	x		no limit	
American College Test (ACT)	x		4	Proficiency credit in Composition 101 for an ACT English score of 27 or higher.
Advanced Placement	x		no limit	
educational television	x			On transcript of an accredited academic institution.
formal schooling in the military service	x		no limit	
occupational training in the military service		x		
military service[3]	x		12	Six hours P.E. Six hours Military Science.
correspondence work from own institution[4]	x		90	
correspondence work from other institutions[4]	x		90	
extension courses[4]	x		90	
technical-vocational courses		x		Only academic work in B.S. nursing and pharmacy programs
pass-fail from other institutions	x		no limit	
nontraditional methods (learning contracts, community service, etc.)		x		

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives

[1] The notation of transfer work on the UICC Permit to Enter and the UICC transcript does not automatically mean credit toward graduation in LAS. The College Office provides check sheets of requirements which must be met by transfer students.

[2] UICC will accept CLEP examination credit on a transcript regardless of the raw cut-off scores or percentile ranks used to establish credit by the transfer institution.

[3] Credits do not count toward the required total of 180 academic hours for graduation.

[4] A total of 90 quarter hours in correspondence and extension courses is allowed toward graduation.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted yes	accepted no	maximum hours	comments
Coursework:				
after 5 p.m.		x		
weekends		x		
campus linkages[1]	x		variable credit	Chicago City Colleges, Spertus College of Judaic Studies, UIMC.
workshops[2]	x		variable credit	
fieldwork[2]	x		no limit	Courses in education, geography, geology, sociology, political science; Study Abroad.
summer sessions for degree and nondegree students	x		no limit	
correspondence[3]	x		90	Total of 90 hours accepted for correspondence and extension work.
extension[4]	x		90	Total of 90 hours accepted for correspondence and extension work.
community centers		x		
military bases		x		
veterans hospitals		x		
educational television (campus station)		x		
remedial courses[5]	x		27	Mathematics 170-171-172 and Composition 180.
Examinations:[6]				
English composition	x		8	
mathematics	x		no limit	
foreign languages	x		variable credit	
general education requirements	x		no limit	
major requirements	x		no limit	

CLEP[7] - for CIC centers in which the General and Subject Examinations are administered, see Appendix

[1] An official campus linkage is in operation between Malcolm X, a Black junior college, and UICC; however, UICC students may also register for concurrent work at any of the other junior colleges in the Chicago City College system. For acceptability of coursework, see the LAS College. For coursework at the University of Illinois Medical Center (UIMC) or Spertus College of Judaic Studies, see the quarterly course timetable, the UICC Bulletin, or the LAS College Office. Coursework taken at Spertus College counts as residence credit; work taken at the other colleges counts as transfer credit.

[2] Year Abroad programs are offered in Rouen, Barcelona, and Baden for qualified students. These foreign study programs, which are jointly offered by the Urbana-Champaign and Chicago Circle campuses, provide residence credit. UICC students may also register for LAS 299, Independent Study Abroad. Under this procedure, they are able to receive credit for any foreign study program approved by the LAS College and the department.

For more specific information on workshops and fieldwork (independent study, field trips, Study Abroad programs, etc.) see the course timetable, the Bulletin, the various offices, the LAS dean in charge of Study Abroad, or any other LAS adviser.

[3] Work is offered through the UI system. See the notation on correspondence in Table 3 for the University of Illinois at Urbana-Champaign.

[4] See the discussion on extension in Table 3 for the University of Illinois at Urbana-Champaign.

[5] For permission to enroll in these courses, ordinarily reserved for students in the Educational Assistance and Native American Programs,

see the LAS dean in charge of minorities counseling. Composition 101X is a course for all students with an ACT English score of 18 or below. The final grade is either a Pass or a Withdraw. The course provides the fundamentals of writing missed in high school.

[6] Proficiency examinations in the major requirements are subject to departmental approval. A student may take, at no charge, proficiency examinations for credit in languages and in any subjects that are not offered at Chicago Circle but are offered at another campus of the University of Illinois. A student may also take a proficiency examination in any subject offered by LAS provided he meets the eligibility requirements stated in the UICC Bulletin.

[7] In May 1972, the LAS faculty voted to allow full-time UICC students the opportunity to take examinations and receive credit through CLEP. Accepted scores for credit toward graduation will be determined by the Student Counseling Service in conjunction with the LAS College Office and the respective departments.

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

For options available to complete the following requirements, consult the Bulletin:

Credit Hours: 180 quarter hours of academic credit excluding basic military science and physical education courses.

Residency: Either the first 135 or the last 45 quarter hours must be earned in uninterrupted residency at UICC. Credit earned by proficiency examination may not be applied toward the minimum 45 quarter hours. Study abroad and study off-campus that have been approved by the student's major department and by the LAS College are not considered an interruption of residence. Coursework taken at the University of Illinois at Urbana-Champaign does not count toward the UICC residency requirement.

Grade Point Average: An average of 3.00 (C) or better is required in the student's major, the total program of work taken toward the degree (including transfer work), and work taken at UICC.

90-Hour Rule: After a student attains junior standing (90 quarter hours) he must earn at least 90 of the remaining required hours at a four-year accredited institution.

45-Hour Rule: Of the 180 academic hours required for the degree, at least 45 must be in 200- and 300-level courses taken after a student has achieved junior standing (90 quarter hours).

Foreign Language Requirement: Proficiency equivalent to 24 quarter hours of study at UICC in a single foreign language.

Course Distribution Requirements:

Humanities	12 quarter hours
Social Sciences	12 quarter hours
Natural Sciences	20 quarter hours

The Major: Each student must elect a major field of specialization and complete the specified requirements. At least 20 hours of the major must be in upper-division courses; 12 of these quarter hours must be taken while the student is in residence.

The Second Major, Minor and Related Field: Not required for graduation. Students interested in pursuing these options should consult the Bulletin and an LAS adviser.

Physical Education: Six quarter hours of physical education are no longer required.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[1]		x
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements[2]	x	
c. major requirements[3]	x	
d. basic skills requirements[4]	x	
e. minimum grade point average		x
f. residency requirement[5]	x	

[1] Junior year abroad, independent study courses, and fieldwork are possible exceptions.

[2] The LAS Office would consider appeals on the basis of equivalent college experience. One or two hours of the requirement might be

waived.

[3] The major department would decide in the case of appeals.

[4] The English Department receives the appeals concerning waivers of the composition requirement. An LAS committee considers appeals of the foreign language requirement.

[5] The Chancellor makes the final decision on appeals of the residency requirement. Students consult an LAS dean first, and the dean puts forward the request.

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	Student Counseling Service
veterans[1]	Student Counseling Service
cultural minorities[1]	Student Counseling Service
educationally disadvantaged[1]	Student Counseling Service
physically handicapped[1]	Student Counseling Service
other special groups:	
health sciences[3]	LAS Health Sciences Office
transfer and linkage students[4]	Student Counseling Service

[1] The Student Counseling Service (SCS) has an extensive career library of books, pamphlets, kits, catalogs, monographs, films, and tapes. Materials include information on careers not requiring college degrees, specialty schools, and other colleges. An OccuScan kit, an occupational preference checklist, and lists of career referral sources are also available to students.

SCS offers educational and vocational counseling to students enrolled at UICC, alumni, prospective students including veterans, housewives and others from the surrounding area, even students from other colleges. Consultative service is available to agencies such as the Inner City Guidance Program, Upward Bound, Chicago Police Department, and Women's Job Corps. High school seniors who have applied for admission to UICC are given a reading and vocabulary test and a vocational interest test; test results are discussed in group or individual sessions. Letters from servicemen and answered and telephone inquiries are handled, but the majority of the clients are seen in the office.

SCS has a large staff--27 professionally-trained counselors, counseling psychologists, clinical psychologists, and psychometrists--a big clientele and a lot of materials, concern, and enthusiasm. It is one of the best counseling services in the CIC. The counselors are skilled in advising young and old, cultural minorities and white, educationally disadvantaged and honors students in groups and individually.

[2]SCS counselors provide special counseling for women, most particularly Chinese-American and Spanish-speaking students who seek support in their career goals and advice on their family roles. The Women's Rights Research Committee, composed of SCS counselors and UICC faculty members and staff, is conducting a pilot project on women, more specifically on male and female perception of women's social, legal, educational, vocational, and marital roles and functions. The Committee hopes to increase student, faculty, and SCS staff awareness of areas of discrimination and to encourage change.

[3]UICC students in preprofessional programs are invited to seek advice in the LAS Health Sciences Office. This office cooperates with the Medical Opportunities Program, a minorities recruitment program based at the University of Illinois at the Medical Center.

[4]Transfer students will be invited to participate in an SCS study on the specific concerns of the transfer students--what they

need, what their problems are, how to improve transfer prospects. SCS also coordinates educational and vocational counseling of Malcolm X linkage students with the counseling service at Malcolm X.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups:	
Black, Chicano, American Indian, Oriental American, White[1]	Educational Assistance Program
American Indian[2]	Native American Program
veterans[3]	-----
women[4]	-----
physically handicapped	-----

[1] The Educational Assistance Program (EAP) is a recruitment, advisement, and supportive services project. It provides community and family liaison (recruitment and follow-up), intensive personal and academic counseling, financial aid, diagnostic testing, and special courses for its students.

Students are selected for the Program on the basis of high school record and rank and ACT or SAT scores (the median ACT composite score in 1970 was 15; the median high school rank was 69%), but personal assessment through interview is considered of greater importance than available objective data. Those who are accepted are assigned to an adviser who helps with selection of classes, secures tutorial assistance if needed, refers the student to other University resources such as the Student Counseling Service, and, in general, serves as a single source of information on UICC. EAP students who are registered in LAS also receive counseling from the LAS dean in charge of minorities advisement.

EAP students may enroll in special courses offered in English composition, mathematics, and other subjects. These are not the typical remedial courses given to students in most minorities programs; rather, they are courses which accelerate the rate of the student's learning in a specific discipline. For example, students who complete Composition 180, the special EAP course, often receive proficiency credit in Composition 101, a University requirement, upon successful completion of an examination.

Students may remain in the EAP until the completion of their sophomore year. After that time, they are placed on independent status. They continue to receive informal advisement from an EAP adviser if they wish, but official academic advice is given in the major department or College Office. Transfer students have also been admitted to the Program if they needed academic advice.

At present, there are approximately 1,000 students in EAP. Another 525 incoming freshmen will be added to this total in Fall 1973. The majority of the students are graduates of Chicago's inner-city high schools. About 63% of the students admitted into the Program in September 1971 were Black, 23% were Latins, 10% were white, and 4% were Native American Indian or Oriental-American. The percentage of Latin students has increased each year, an indication of the effort expended upon recruitment of students from the Spanish-speaking community.

The EAP recruitment services have markedly increased minority enrollment at UICC. In Fall 1968, there were approximately 80 Blacks and a negligible number of Latin students out of a total student body of 15,000. Academic attrition among the minority students was about 70%. In Fall 1972, there were approximately 2,000 Blacks and 300 Latins out of a total student body of 20,000, and academic attrition among minority students was about 10%. Not all of the minority students are enrolled in EAP; however, it is estimated that EAP liaison officers have been responsible for referring approximately 700 minority students to UICC for regular admission. Many of these students seek and receive informal advisement from EAP counselors.

EAP also provides support for several community programs including Upward Bound and Bridge Programs (high school students and graduates) and an Inroads (work experience for undergraduate students) Program. It held its first "Summer Festival" in July 1972 for continuing students, incoming freshmen, UICC faculty and staff, parents of students, and community representatives. Approximately 600 people attended the Festival.

Through its many support services and auxiliary programs, EAP continues to successfully achieve its goal of providing the best possible education for the urban commuter student. It is one of the most active and respected minority programs in the CIC.

[2] A separate, highly unique, and comprehensive program of recruitment, advising, and counseling is provided for American Indian students through the Native American Program (NAP). NAP began in September 1971 as a result of joint planning by the Chicago Indian community and UICC representatives. The director, advisers, student counselors, and other supportive staff members are Indians. They recruit students and provide personal, academic, and

financial counseling. NAP students in LAS also receive academic counseling from the LAS dean in charge of minorities advisement.

Thirty-one students were enrolled in the NAP in 1971; over forty are participating in Fall 1972. In addition to counseling, the students have access to a library of relevant books, magazines, and reprints and a Culture Room decorated with Indian artifacts in which they can study or meet in groups to learn about native music, arts, and crafts. Activities in 1971 included an open house with guest speakers, a feast with traditional food, a student-community pow-wow, and a series of trips for elected student representatives to National Indian Conferences. Many of these activities were repeated in 1972, and in addition a newsletter brought information on the Program to the Indian community. Visitor Days were planned for students from the Little Big Horn Indian High School in Chicago, and a three-day "Okaurta" was organized for UICC students and faculty.

[3] Veterans counseling at present consists of advice in the Financial Aids Office regarding monetary benefits. By 1973 a separate veterans office should exist on the campus to give more complete counseling.

[4] At present no Women's Center exists at UICC. Faculty and students are currently conducting surveys of interest in a Center and in a Women's Studies baccalaureate degree program.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid	yes	no		
state grants	x		Office of Financial Aid	Some forms of financial aid require full-time status. Law Enforcement Education Program (LEEP) loans and grants are also available.
EOG	x			
military scholarships	x			
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program	x			
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services	yes	no		
for spouse/dependents		x	The Health Service	Also available are dental examinations, cleaning, full X-ray, and diagnosis by UIMC dental students. The charge is $3 for the first two visits; appointments are made in the College of Dentistry
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance				
including pregnancy and childbirth	x		Business Affairs: Insurance Office	All students are covered by insurance for which they pay a fee at registration. Dependent children and spouses may be insured for an additional fee.
for part-time students	x			
Participation in Activities/ Organizations				
equal for part-time students	x		Student Affairs: Organizations and Activities Office	
equal for women and men	x			
Housing				
equal for part-time students	x		Auxiliary Services: Housing Office	No University housing. Off campus listings are available.
Child care facilities			Circle Children's Center (312) 996-8663	Full-time facility for children of students, faculty and staff. $10 to $15 per week per child.
Interlibrary loan			UICC Library	Books from the UIUC Library are received within one week; time to receive other books varies with library.
Recreational facilities			The Recreation Desk, Circle Center	Most activities are in Chicago Circle Center.

TABLE 8
(continued)

Special Services

Service	Office to Consult	Comments
Tutorial services	LAS Departments; Student Affairs; EAP; NAP	
Placement services	Student Affairs: Placement Services	Available to graduating seniors and alumni.
Participation in athletic programs	School of Physical Education	Intramural sports for most students. Big Ten rules apply for participants in intercollegiate sports.
Short-term leaves	Admissions and Records; LAS Office	An Off Quarter Vacation is possible.
Other services		
Abortion Loan Service[1]	Student Government Office	
The Communicator	Dial (312) 996-5500	Emergency bulletins; information on programs, events, items of interest to students.
Jane Addams' Hull House		Group tours, slide programs, museum and library.
Student Advisory Service	Room 514, Chicago Circle Center	Students serve as advisers, problem-solvers, and counselors to other students.

[1] The Abortion Loan Service is sponsored by several campus organizations and many individuals. The terms of the repayment are set at eight weeks for the first half of the loan and eighteen for the remainder. Between November 1971 and May 1972, 11 loans were made for a total of $1,800.

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
Experimental Bachelor's Degree	B.A.	yes
Black Studies	B.A.	yes
Latin American Studies	B.A.	yes
Criminal Justice	B.A.	yes
Criminalistics	B.S.	yes

The LAS Experimental Bachelor's Degree program was approved as a four-year experiment in undergraduate education beginning in September 1971. Approximately 100 students are admitted to the curriculum each fall; in 1974-75 a decision will be made as to whether the curriculum will become a regular College curriculum or will be discontinued. Applicants to the curriculum must have completed no more than 67 quarter hours of coursework either at Chicago Circle or in transfer credits; incoming freshmen are welcome to apply.

Students in this curriculum follow no prescribed course of study, nor are they responsible for meeting specific University requirements for graduation (such as rhetoric, foreign language study, course distribution requirements). Instead, the student designs a program of study in close consultation with a faculty adviser.

Included in the 47 fields of specialization leading to a baccalaureate degree in LAS are new majors in Black Studies and Latin American Studies. The major in Black Studies is an interdisciplinary program with course offerings in literature, history, political science, music, speech, and other subjects. The Latin American Studies major is also interdisciplinary, with offerings in history, literature, and political science. Both programs are flexible, and allow the student to make a number of choices among the possible courses to fulfill the major.

Criminal Justice has recently become a department in the College, and offers two majors, Criminal Justice and Criminalistics. The degree program in Criminal Justice includes coursework in sociology, foundation courses in criminal justice, and criminal law. The Criminalistics major is more scientifically oriented, with requirements of laboratory work in chemistry and physics. Both programs provide excellent training for careers or graduate study in law enforcement, corrections and other related areas. Masters degree programs are available in Criminal Justice and Criminalistics at UICC.

A minor in Lithuanian Studies, a major in Polish, classes in Ukrainian Studies, and social and behavioral science courses with an urban orientation are among the unique offerings in the LAS College. In addition, three credit courses are presently offered under the title of Contemporary Topics: "Civilization and Society: Conflict or Collaboration" is a series of seminars on the place of value in a world of facts; "Contemporary Religious Movements and Values" is a course which deals with the impact of religion on today's society; "Issues in Higher Education" is a study of the effects of higher education on students and on society.

The College of Urban Sciences will begin operation in Fall 1973. A number of urban-related programs that are now found in existing UICC colleges will be placed in the College; unique curricula will also be developed. The core faculty will represent a variety of fields.

The first academic program to be administered within the College will be the Master of Urban Planning and Policy, a program to prepare individuals for roles as planning generalists in urban settings. An undergraduate specialization in Early Childhood Education is also being planned in conjunction with the UICC College of Education. This major will address itself to the issue of the role, structure and operation of community day-care centers.

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

INTRODUCTION

The University of Illinois at Urbana-Champaign (UIUC) is the original campus in a university system of three schools; the other two, Chicago Circle (UICC; see the chapter on this school) and the Medical Center, are in Chicago.

Urbana-Champaign has a flat, spread-out campus (located in both towns) similar to that of the University of Michigan. The two universities are also similar in terms of high academic standards and excellent programs for honors students. Like the UM students, the student body at UIUC is heterogeneous in terms of family background, age, and birthplace, but homogeneous in terms of high academic ability. The mean ACT composite score of incoming students in the College of Liberal Arts and Sciences (LAS) in September 1972 was 26.48; their mean high school rank was 90.31%. UIUC, which is more cosmopolitan in student background than UICC, is also less tolerant of diversity in academic levels.

UIUC is strong in the sciences on the undergraduate and graduate level, has an excellent School of Veterinary Medicine, and now offers first-year training for a small number of students in the University of Illinois College of Medicine.

It has the best vocational-rehabilitation center in the CIC (see Resource Centers). Faculty, staff, and students really care about helping the handicapped student on the Urbana-Champaign campus. Veterans are actively recruited through the Admissions Office, and a well-organized student group is on campus to help new arrivals. Minority students are recruited as a joint effort of Admissions and the Educational Opportunities Program (EOP; see Resource Centers). Admissions policies to all LAS programs are equal by sex, and women are welcomed at UIUC, but female itinerant students may sense an undercurrent of prejudice against women on campus. There are no women deans in the LAS Office at UIUC, but the College is actively recruiting one. Three of the four LAS assistants to the dean are female. Women students will receive better treatment in the LAS College than in many of the other UIUC schools.

UIUC has one of the best university libraries in the world (with over 4 million volumes, it ranks third in the United States and first among the CIC schools in terms of size of collection); the World Heritage Museum, a notable collection of historical artifacts and exhibits from contemporary Western and Eastern cultures (the museum is a unit within LAS); the Krannert Art Museum, a fine collection of international art; the exciting mushroom-shaped Assembly Hall designed by Max Abramovitz; and an airport for University and commercial planes (try flying into Ann Arbor).

The scenery is undistinguished, but the academic counseling at UIUC is superior. LAS students are advised by a large staff of deans including specialists in the areas of curriculum development, minority programs, study abroad, health professions, and prelaw. The advisers in the College Office are among the best in the CIC in terms of prompt, exact, and thorough explanations and answers to student questions--although the answers may not be what the student wants to hear.

Freshmen and sophomores who are not prepared to declare a major may enroll in the General Curriculum, a program developed in

1968 and housed in a separate office at 912 South Fifth Street. The advantage of this system is that student advisement for lower-division students is informal, personal, and not departmentally oriented.

Between 15% and 20% of all LAS freshmen and sophomores are advised in the General Curriculum. They are given counseling on alternative majors, colleges, and career possibilities by General Curriculum advisers and deans. The students include UIUC nonacademic personnel, unclassified students, older returning students, and veterans, as well as others not ready to specialize. They are seen at least once per semester by advisers who answer questions, give options, and identify and help to resolve problems. Although General Curriculum students are required to declare their major at the beginning of the junior year, a few students have been allowed to remain beyond completion of 60 semester hours if they wished to transfer into a curriculum requiring a higher grade point average than they then had and if they showed academic potential in their chosen area.

The General Curriculum Office also serves as a referral agency to various community services and as a clearinghouse for student problems. Minority advisers from the Educational Opportunities Program (see Resource Centers) are on loan to aid in counseling students.

The LAS College and General Curriculum Offices are not concerned with just checking forms, but with helping the student make good decisions. The emphasis at UIUC is on self-discovery.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

Veterans are actively recruited by the Admissions Office. There are no other recruitment programs for itinerant students.

Students who are not pursuing a degree are admitted as irregular students. They may register for any course for which they have the prerequisites if space is available. There is no admissions quota on such students. For information on the second bachelor's degree program, see the LAS Office.

UIUC has no General Studies program. An experimental degree program, the Individual Plan of Study (IPS) is offered in LAS (see Unique Programs).

College approval is necessary for part-time registration, and continuing part-time students are not permitted to advance enroll. There is no admissions quota on part-time students; however, in those colleges and curricula where qualified applicants exceed available spaces, registration of part-time and nondegree students may be deferred to the late registration period. There is no out-of-state admissions quota on students.

Exceptions to LAS admissions requirements are made in the College Office. Students who believe that they have the ability to succeed despite their lack of certain admissions requirements should write the Office of Admissions and Records stating their request and discussing their past academic and personal background. Student petitions are forwarded to the LAS Office and acted upon by college deans. Exceptions have been made on the basis of interrupted schooling, veterans status, maturity, demonstrated intellectual ability, or demonstrated sense of purpose. Questions regarding decisions should be directed to the College Office.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	LAS Office LAS General Curriculum Office (for nonmajors) Office of Admissions and Records
students withdrawing from the university	LAS Office LAS General Curriculum Office (for nonmajors)
students dropped for academic reasons	LAS Office LAS General Curriculum Office (for nonmajors)
prospective freshmen	LAS Office LAS General Curriculum Office (for nonmajors) Office of Admissions and Records
applicants for transfer	LAS Office LAS General Curriculum Office (for nonmajors)
applicants for readmission	LAS Office (for students who must petition for readmission) LAS General Curriculum Office (for nonmajors) Office of Admissions and Records (for students in good standing)

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accept yes	accept no	maximum hours	comments
Academic work at fully-accredited, four-year college institutions	x		90	
Academic work at provisionally-accredited two- or four-year institutions	x		90	
Academic work at unaccredited institutions	x			Validated after 30 hours at UIUC with a C or better average.
Academic work at junior colleges	x		60	
United States Armed Forces Institute (USAFI)	x		no limit	No technical courses.
College-Level Examination Program (CLEP)	x		24-General no limit-Subject	UIUC norms are applied to established credit.
American College Test (ACT)		x		
Advanced Placement	x		no limit	
Educational television	x		no limit	From accredited institutions only.
Formal schooling in the military service	x		no limit	
Occupational training in the military service		x		Unless related to an academic field.
Military service	x		4-P.E. 4-M.S.	P.E. hours count toward graduation. Military Science hours do not.
Correspondence work from own institution	x		60	A total of 60 semester hours is allowed in correspondence and extension courses.
Correspondence work from other institutions	x		60	
Extension courses	x		60	
Technical-vocational courses	x		no limit	Academic courses from nursing (B.S.) and pharmacy programs are accepted.
Pass-fail from other institutions	x		no limit	None in the major field.

TABLE 2
(continued)

Acceptability of Transfer Work as Credit toward Graduation

ype of Transfer Work*	accepted		maximum hours	comments
	yes	no		
ontraditional methods (learning contracts, ommunity service, etc.)		x		Study abroad programs from another academic institution might be accepted.

*In all cases, transfer credit is subject to residency limitations (see Requirements for Gradu-tion). Questions regarding acceptance of credit toward graduation should be directed to the ollege Office; appeals of decisions should be referred to college deans or their representatives.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

	ac ted		axi	
Nontraditional Method	yes	no	hours	comments
Coursework:				
after 5 p.m.	x		no limit	Very few courses are offered.
weekends		x		
campus linkages	x		60	Parkland Junior College; see Office of Admissions and Records
workshops		x		
fieldwork[1]	x		no limit	Courses in geology and anthropology; study abroad programs.
summer sessions for degree and nondegree students	x		no limit	
correspondence[2]	x		60	See footnote.
extension[3]	x		60	See footnote.
community centers		x		
military bases	x		no limit	Chanute Air Force Base
veterans hospitals		x		
educational television (campus station)	x		no limit	Channel 12
remedial courses[4]	x			Courses in mathematics, composition, chemistry, and psychology.
Examinations:[5]				
English composition	x		4	Rhetoric 105
mathematics	x		no limit	
foreign languages	x		no limit	No credit for native speakers through 104-level of language.
general education requirements	x		no limit	
major requirements	x		no limit	Introductory courses only.

CLEP[6] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] For information on fieldwork, independent study, foreign study, and other means of off-campus credit, see the course timetable, the Bulletin, the various departmental offices, or the LAS dean in charge of Study Abroad. Currently, there are 16 organized Study Abroad programs at UIUC. Students are also given the option of planning individual, independent study programs abroad. Coursework taken in approved foreign study programs is residence credit.

[2] Approximately 100 correspondence courses are offered as part of the Extension Division. Educational counseling is also available by mail or personal interview. Most courses are available to armed forces personnel through a USAFI contract. Credit offerings include coursework in the areas of English, French, geography, German, Greek, history, Italian, Latin, mathematics, physics, political science, psychology, rhetoric, Russian, sociology, and Spanish.

Because of budgetary problems, the cost of correspondence courses was raised September 1972 to $22 per credit hour. The cost of the operation will be scrutinized further during the 1972-73 year, and the number of courses may have to be reduced in 1973.

[2,3] A total of 60 semester hours credit in correspondence and extension courses is counted toward graduation.

[3] A wide variety of coursework is available through the University of Illinois Extension Division serving UIUC and UICC. Credit classes are given in computer science, English, history, linguistics, mathematics, music, political science, psychology, sociology, and speech.

[4] Remedial courses for credit are listed as Rhetoric 103 and 104, Mathematics 100, Chemistry 100, and Psychology 105. Generally these

courses are for EOP students. For information, see an adviser in the LAS Office.

[5] There is in theory no limit to the number of credits earned through departmental proficiency except in the major and minor fields. Under current rules, students must earn nine advanced hours in their major and six hours in the minor while in residence. In general, departments offer proficiency examinations only in 100-level courses, but qualified students may make arrangements for exams in advanced-level work. The permission of the LAS Office and the major department is required for upper-level tests.

[6] CLEP General Examinations are administered and counted for credit in all fields except English and mathematics where other placement examinations are used. Local norms are being developed for the Subject Examinations.

TABLE 4

University and College Graduation Requirements

For the options available to complete the following requirements, consult the Bulletin.

Total Hours

A minimum of 120 semester hours. Some programs may require more.

Advanced Hours

At least 30 hours must be earned in courses numbered 200 and above.

Upper-Division Hours

Students transferring from a junior college must earn at least 60 semester hours at a four-year accredited institution after reaching junior standing.

Grade Point Average

Students must present for graduation a C average (3.0 on a 5.0 system) on all work attempted at UIUC as well as on all UIUC and transfer work combined.

Residency

Either the first three years, earning not less than 90 semester hours, or the last year, earning not less than 30 semester hours, must be completed at UIUC in uninterrupted residence. Only courses applied toward the degree may fulfill this requirement. Concurrent attendance does not interrupt residence nor do certain foreign study and other specialized programs as outlined in the Bulletin. Coursework taken at the University of Illinois at Chicago Circle does not apply toward residence at the University of Illinois at Urbana-Champaign.

English

Satisfactory completion of 4 semester hours (or the equivalent) in rhetoric (composition).

Foreign Language

Second-year University proficiency in a single foreign language.

General Education

At least 6 semester hours in one department or in an approved sequence from different departments in each of the following areas:

TABLE 4
(continued)

Biological Sciences, Humanities, Physical Sciences, and Social Sciences. The student's major field of study satisfies the sequence requirement in the area in which the major is classified.

Major/Minor (Field of Concentration)

Students must satisfactorily complete a major field of study (consisting of a minimum of 20 hours above the freshman level, usually with a minimum of 9 advanced hours in residence). Additionally, students must present a minor.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[1]	x	
5. May the residency be fulfilled during Summer School sessions?[2]	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements[3]	x	
c. major requirements[4]	x	
d. basic skills requirements[5]	x	
e. minimum grade point average[6]		x
f. residency requirement[7]	x	

[1] An exception might be LAS 299, Study Abroad, which would count toward the first 90 hours requirement.

[2] Summer coursework would partially fulfill the residency; a maximum of 8 semester hours is the normal load.

[3] Substitutions rather than exceptions are made by the Assistant Deans in the LAS Office.

[4] The major department may waive or substitute courses for the major requirements.

[5] Basic skills may be waived on the basis of transfer work equivalency.

[6] The forgiveness clause is the option of using one of two methods for calculating the grade point average: 1) exclude courses in which grades of D or E have been recorded not to exceed a total of 10 semester hours completed prior to the last 30 hours of work completed at UIUC and counted for graduation; or 2) use as acceptable a grade point average of no less than 3.1 (on a 5-point system) for the last 60 semester hours of work counted for graduation and completed at UIUC, except in those curricula where a higher grade point average is required. These methods are not applied automatically; they are employed only when a review of the total academic record reveals a student's capability of completing the requirements for the degree.

[7] Appeals for exceptions are made to the Associate Dean of LAS.

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2,3]	Psychological and Counseling Center Coordinating Placement Office Student Personnel Office for Continuing Education
veterans[1,2]	Psychological and Counseling Center Coordinating Placement Office
cultural minorities[1,2,4]	Psychological and Counseling Center Coordinating Placement Office
educationally disadvantaged[1,2,4]	Psychological and Counseling Center Coordinating Placement Office
physically handicapped[1,2]	Psychological and Counseling Center Coordinating Placement Office
other special groups:	
health sciences	Health Professions Information Office

[1] The Psychological and Counseling Center (PCC) sees students who contact the office on their own initiative and students who are referred by academic deans and advisers for assessment and recommendations regarding vocational indecision, need for reading or study skills help, possible reduction of course load, selection of a major, and other reasons. As one of its services, PCC has developed a helpful and very thorough self-counseling manual for incoming freshmen which includes information on aptitude and interest test scores and their

significance for various college programs and courses. Letters describing PCC services are sent to all incoming freshmen and transfers.

Information on vocations is available in the Center, and counselors spend approximately 50% of their time discussing educational and vocational difficulties and/or choices with students. The head of PCC, Dr. William Gilbert, is presently directing research on a new vocational interest test which will hopefully eliminate some of the problems inherent in the Strong and Kuder tests and will be more accurate in predicting persistence in a vocational choice. A higher proportion of senior counseling staff see students than at most other psychological services in the CIC schools; thus students are offered experienced counseling.

[2] LAS students may study a very useful booklet, A Vocational Guide for Liberal Arts and Sciences, which surveys the majors and curricula offered in the College and offers possible career alternatives connected with these areas. Details include the number of students in the major, their average grade point average, the need for further education, the grade point needed for graduate school, the job market for those with baccalaureate degrees, average starting salary, and openings for women. Sources of additional information are given. The booklet also lists careers available to liberal arts graduates and presents a chart of the post-graduation plans of the June 1970 LAS graduating class. The booklet is available in the General Curriculum and the College Offices.

[3] For a discussion of the Student Personnel Office for Continuing Education, see Resource Centers in the next section.

[4] EOP students frequently enroll in the PCC Reading and Study Methods program and see PCC counselors regarding aptitude and other test results. A special self-counseling manual was developed by the service to aid incoming EOP freshmen.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups:	
Black, Chicano, and others[1]	Educational Opportunities Program
veterans[2]	Illinois Veterans Association
women[3]	Student Personnel Office for Continuing Education
physically handicapped[4]	Rehabilitation-Education Program and Center
other groups:	
educationally disadvantaged[5]	English Writing Clinic English Writing Lab (EOP)

[1] The Educational Opportunities Program (EOP) is a program of recruitment, advisement, tutoring, and financial and educational aid for minority students. Admission to the Program is limited to Illinois residents who demonstrate financial need. In Fall 1969, 244 EOP freshmen completed their first semester at UIUC; their mean ACT composite score was 18; their mean high school rank was 73%. At the end of four semesters (June 1971), 98 of these students were on clear status, 49 were on probationary status, and 5 were on undetermined status; the remainder had either dropped or were no longer enrolled at the University.

Supportive services offered to EOP students include academic testing by the UIUC Psychological and Counseling Center, academic and personal counseling by EOP staff, specially designed course offerings in various academic areas, tutorial help, study skill improvement sessions, and precollege orientation. The Program seeks to provide educational opportunities for disadvantaged youth, to increase the number of minority students at UIUC, and to develop educational policies which will assist minority and other students on campus.

[2] Illini Veterans Association (IVA) is an active veterans group on the UIUC campus. On May 19, 1972, it hosted a congressional workshop for veterans in college. Guests included Illinois Representative Roman Pucinski, Representative Olin Teague, and Senator Vance Hartke of the House and Senate Veterans Affairs Committees. "The Vector" is a newsletter sent to UIUC veterans by the IVA which gives information on campus events and news items on educational benefits. Staff members in the Dean of Student Personnel's Office also counsel veterans. The IVA Office is in the Illini Union. Vet's House is a living unit and social center located at 112 East John Street, Champaign.

[3] The Student Personnel Office for Continuing Education is really a Center for Women. Services and programs assist women individually and in groups to return to school, to remain in school, to succeed in school. Information on the Verdell-Frazier-Young Awards for Women, scholarships for undergraduates and graduates who are resuming or continuing an interrupted education, is available in this Office. "Continuing Conversations," a newsletter issued by the Office, contains information on campus programs, news items, and reviews of books and articles of interest to women. Information

about UIUC affirmative action programs and programs on campuses around the country, data about employment, and career pamphlets and books are available also. Students, prospective students, and members of the community are encouraged in their vocational plans through this helpful office.

[4] The Rehabilitation-Education Program and Center provides for the welfare of physically disabled UIUC students. Out of a total of 203 such students enrolled as of September 1971, 87 men and 37 women were in wheelchairs. Services to these students include pre-admission counseling and evaluation, campus orientation, study skills advisement, medical supervision, physical and occupational therapy, and vocational-educational counseling. The Program is so well known and highly regarded that wheelchair applicants to other CIC schools have been advised on occasion to seek admission instead at UIUC.

[5] Other special clinics include the English Writing Clinic and the English Writing Lab (for EOP students). For information, contact the clinics directly or the LAS College Office.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid				
state grants	x		Director of Student Financial Aids	Specific requirements of grants sometimes forbid part-time coursework.
EOG	x			
military scholarships	x			
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program	x			
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services				
for spouse/dependents		x	McKinley Health Center	No gynecologist on the staff; three part-time physicians see women.
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance				
including pregnancy and childbirth	x		Insurance Office Coble Hall	Insurance is included in the student fee payment. Optional coverage is available for spouses. Insurance includes complete coverage of legal abortions up to $200 and partial coverage beyond that sum.
for part-time students	x			
Participation in Activities/ Organizations				
equal for part-time students	x		Student Programs and Services 110 Student Services Building	
equal for women and men	x			
Housing				
equal for part-time students	x		Housing Information, 420 Student Services	
Child care facilities[1]			Dean of Students Office	University Child Development Laboratory; Children's Research Center; Married Student's Housing.
Interlibrary loan			University Library	
Recreational facilities			Illini Union Intramural Building	All students are admitted to the Intramural Building. Spouses must pay a fee of $18 per semester of $1 per visit with a limit of four visits.
Tutorial services[2]			Office of Student Programs and Services	Alpha Lambda Delta offers free tutoring services for freshmen and sophomores in many subject areas.

TABLE 8
(continued)

Special Services

Service	Office to Consult	Comments
Placement services	Career Development and Placement Office 2 Student Services Building	
Participation in athletic programs	Athletic Association	Big Ten rules apply to intercollegiate sports. Also see the Division of Intramural Activities, 170 EMPE Building.
Short-term leaves	Admissions and Records	
Other services		
Campus Information Center	Illini Union (north entrance)	Publications and information about campus activities.
Campus Ombudsman	322 Illini Union	Help with student problems or questions.
Students Abroad Office	367 Illini Tower	Assistance for students interested in going anywhere in the world.
Volunteer Illini Projects	328 Illini Union	Projects for students in the community.

[1] The nursery school of the Child Development Lab has a clientele spread over all income groups. For information, contact Room 206, Child Development Laboratory. Members of the University community may send their children to the Children's Research Center, run by the Psychology department. A cooperative is operating in the Married Students Housing. Private agencies in the community also have low- to no-cost child care facilities and nursery schools. Play-time Nursery School has two or three scholarships each semester; it is often used by UIUC married students.

[2] Tutoring is available for EOP students through the Program.

2

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
Individual Plan of Study	B.A.	yes
Three-Year Baccalaureate	B.S. or B.A.	no
Unit 1	-----	no
Honors Biology	B.S.	yes
Interdepartmental Majors	B.A.	yes

The Individualized Plan of Study (IPS) is an experimental degree program open to LAS students. One hundred students are admitted to the program each year with preference given to students who cannot accomplish their aims under existing curricula.

In IPS, students plan their own program; if accepted, they pursue the courses they plan. Study plans approved thus far include, among others, film criticism, police-community relations, women's studies, and environmental law. Other possibilities are open to students, but they must write their own statement describing their plans and educational goals. A faculty adviser and approval of the IPS director are required. This program, which is open to transfer students, could include credit for nontraditional methods of study if adequate guidelines were set up.

IPS students should note that the general education, basic skills, and foreign language requirements as well as the 120 semester hour, grade point, and residency requirements are not waived for graduation.

The accelerated degree program in the College takes two forms: the three-year high school/four-year baccalaureate and the three-year baccalaureate degree. In September 1972, 57 qualified high school students who had completed the junior year of high school were admitted into the University to begin a four-year degree program. A veteran or older person who had not graduated from high school might be able to get into this experimental program if the criteria were met: excellent grades in high school, advanced level of coursework in high school and high quality of high school curriculum, and emotional maturity. Inquiries should be sent to the LAS Office.

The three-year baccalaureate degree program will begin in September 1973 at the earliest. Theoretically, a three-year baccalaureate already exists because of the opportunity of earning college credits through CLEP, Advanced Placement, and departmental proficiency examinations, the possibility of registering for academic overloads each semester, and the option of attending summer sessions. The composite profile of enterprising LAS students who have graduated in six or seven semesters reveals they are generally male, have a 4.5 (B+) grade point average, and are most likely majors in science or mathematics.

Unit 1 is a living learning experience in which students are housed together in dormitories, take coursework together with variable credit, and work on independent projects in some problem area.

The program was planned to be for one year initially, but sophomores will be allowed to continue in it. It is not open to transfer students.

The honors component of Biology is interdisciplinary in nature. The emphasis of the program is functional rather than taxonomic. Transfer students are accepted into the program provided they have had no previous college course in biology. An honors option for juniors and seniors is also available.

Future plans for the College include the establishment of a field of concentration for the degree rather than a major. Thus students will have more flexibility in program planning, and may choose between a "classical" field such as English literature and an interdisciplinary study.

Interdisciplinary majors already exist in the African, Asian, Latin American, and Russian Language and Area Studies programs and in American Civilization, Medieval Civilization, Religious Studies, and Social Welfare.

INDIANA UNIVERSITY

INTRODUCTION

The major divisions of Indiana University (IU) are the Bloomington campus, the Indiana University-Purdue University campus at Indianapolis (IUPUI; see the chapter on this institution), and the regional campuses at Fort Wayne, Gary-East Chicago, Jeffersonville-New Albany, Kokomo, Richmond, and South Bend.

The main campus at Bloomington is one of the most beautiful of the CIC schools. It is set in a lovely 2,000-acre wooded area with native trees preserved in their natural state. The buildings are made of limestone taken from quarries in the area. Located on the campus is a magnificent sculpture by Alexander Calder, one of the great artists of the twentieth century, as well as several sculptures and fountains by other artists.

Like most CIC schools, the IU population is heterogeneous; students from all fifty states and from many foreign nations are present on the eight campuses. There are about 3,000 veterans on the Bloomington campus, and there are 3,350 students who are twenty-seven years or older. The latter are mainly graduate students, however, and whether older undergraduates would be happy at IU would be dependent in part upon their adaptability to a small community (the population of Bloomington is 60,000).

This campus, like the CIC schools at Iowa City and Madison, has a paucity of minority students. Of the freshman enrollment in Fall 1971, less than 1% (an estimated 325 out of a total of 5,129) represented cultural minorities. There are no special resource centers on campus for women, veterans, or the physically handicapped, but IU staff members are available for advising women and veterans in the offices listed in Table 7. The campus terrain in Bloomington presents some problems for wheelchair students, but the regional campuses are adapted to their needs. A small recruitment program, Groups, provides supportive services for minority students (see Resource Centers). Numerous opportunities for itinerant students are provided on the regional campuses but are not specifically listed in this publication. Information on these programs is available from each regional campus.

Indiana-Bloomington, Iowa-Iowa City, and Wisconsin-Madison admit similar undergraduates. On the average they are white high school graduates in the top 25% of their class (upper 20% in the case of the entering freshman class of Fall 1971 at Bloomington), state residents, and adequately prepared for college (mean SAT verbal score of 488 and mean SAT mathematics score of 516 for the same IU class).

Bloomington students have access to the elaborate lecture, concert, recreational, and sports programs such as those found at most large state universities, but here the activities emphasize the school's academic excellence in the area of the fine and the performing arts.

The Fine Arts Building provides some of the most modern facilities in the country; it includes a new Museum of Art, housing a growing collection of art in all fields and dating from antiquity to the modern period. The IU Archives of Traditional Music are the largest of their kind in the world. The School of Music, one of the leading such institutions in the field, presents professionally acclaimed student productions of opera, light opera, musical comedy, music recital, and ballet. The Opera Theater gives full-scale productions each Saturday night of the academic year. The Ballet Department produces three full-scale ballet productions each year, and it provides dancers for the Opera Theater productions. Counting performances by students, faculty, and guest artists, over 650 musical events are presented on the Bloomington campus each year. It is not surprising, then, that many graduates of the School are now appearing in opera companies in the United States and Europe, in Broadway musicals, on the concert circuit, or on television.

Excellent athletic facilities are maintained on the Bloomington campus including a modern football stadium, Assembly Hall (basketball, gymnastics, etc.), fieldhouse, track, tennis courts, baseball diamonds, natatorium, outdoor pool, and champion golf course. Many IU athletes have represented the United States in the Olympic Games, the most notable example being Mark Spitz, winner of seven gold medals in the 1972 Games at Munich. Dr. James Counsilman, an IU faculty member and the 1964 Olympic swimming coach, has coached teams which have won ten consecutive Conference crowns.

The IU School of Health, Physical Education, and Recreation is known throughout the world, and its facilities are among the most comprehensive in this country. The School supervises sports and recreation for student and faculty groups, and its facilities include a 33-acre University recreational area on Lake Lemon, eight miles northwest of Bloomington, Camp Brosius, a camp counselor training site on Elkhart Lake in Wisconsin, and Bradford Woods, a nationally known outdoor education center in instruction and camping programs, located twenty-seven miles north of the campus.

SECTION I-RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

There are no special recruitment programs directed toward the transfer student, although Black students, women, veterans, and older students are encouraged to apply for admission. The Groups Program is a special recruitment program for minorities (see Resource Centers).

Students who are not degree candidates may be admitted as special students. They enroll last, and there may be problems of space in specific courses. There are no limitations on course selection, but there are limitations on coursework taken through the Independent Study Division (see Section III). There are no admissions quotas on special students, part-time students, or out-of-state students.

All IU freshman students are admitted into the University Division. They are required to maintain a 2.00 (C) average or above, to earn 26 semester hours of credit, to complete certain required University Division courses, and to complete the specific requirements of their intended degree-granting division in order to become degree candidates. Twenty-six hours of credit and a cumulative grade point average of 1.90 to 1.99 may permit a student to certify on probation. Students whose educational plans are tentative or undecided may enroll in the Division's exploratory curriculum.

The Admissions staff in conjunction with the offices of the University Division and the College of Arts and Sciences (A & S) may waive admission requirements for freshmen and transfer students. In-state students with a transfer average below 2.00 (C) may be admitted into the University Division; out-of-state students with an average above 2.70 and/or a large number of transfer hours may be admitted into A & S. Petitions requesting exceptions to the admissions requirements should be sent to the Director of Admissions. The petitions are approved on the basis of subjective judgment of the student's ability to succeed at IU.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	University Division (freshmen) A & S Office (sophomores, juniors, seniors)
students withdrawing from the university	University Counseling and Psychological Services Center Office of Student Personnel
students dropped for academic reasons	University Division (freshmen) A & S Office (sophomores, juniors, seniors)
prospective freshmen	Office of Admissions University Division
applicants for transfer	Office of Admissions
applicants for readmission	University Division (freshmen) A & S Office (sophomores, juniors, seniors)

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

[illegible]pe [illegible] Tra[illegible]fer [illegible]k*[1]	accepted		maximum hc[illegible]	[illegible]mme[illegible]
	[illegible]	n		
academic work at fully-accredited, four-year college institutions	x		94	
academic work at provisionally-accredited, two- or four-year institutions	x		94 for 4-year 60 for 2-year	
academic work at unaccredited institutions[2]		x		
academic work at junior colleges	x		60	
United States Armed Forces Institute (USAFI)	X		see comment	Students with over 18 semester hours of work should contact the College Office.
College-Level Examination Program (CLEP)	x		8-General Examinations no limit-Subject Examinations	Credit is allowed for the General Examinations only in the Humanities portion.
American College Test (ACT)		x		
Advanced Placement[3]	x		no limit	
educational television[4]	x		no limit	For IHETS; out-of-state only if accredited institution.
formal schooling in the military service	x		no limit	
military service	x		18	
correspondence work from own institution	x		12-18 total	
correspondence work from other institutions	x			
extension courses	x		no limit	
technical-vocational courses		x		

TABLE 2
(continued)

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*[1]	accepted yes	accepted no	maximum hours	comments
pass-fail from other institutions[5]	x		no limit	
nontraditional methods (learning) contracts, community service, etc.)		x		

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the Office of Admissions.

[1] Remedial work is not transferable.

[2] Academic work taken at the following unaccredited institutions may count toward graduation: institutions in Indiana if approved by the State Department of Instruction; institutions from which other major universities accept credit; the Fort Wayne Art Institute. For further information, consult the Office of Admissions.

[3] Students may earn up to 10 hours of foreign language credit on the basis of the Advanced Placement Examination. An additional 6 credits may be earned by successful validation of certain placement test results by additional coursework.

[4] In-state televised classes are presented on the closed-circuit television network linking Indiana's state universities. Through the Indiana Higher Education Telecommunications System (IHETS), programs originate from Bloomington (IU), Indianapolis (IUPUI), Muncie (Ball State University), Terre Haute (Indiana State University), or West Lafayette (Purdue). Program reception areas, which include "talkback" facilities, are located in Bloomington, Evansville, Fort Wayne, Gary, Hammond, Indianapolis, Jeffersonville, Kokomo, Muncie, South Bend, Terre Haute, Vincennes, West Lafayette, and Westville.

[5] There is no limit on pass-fail courses from another institution if that institution offered only a pass-fail system. Students from other institutions who have taken more than eight courses on pass-fail should consult the Office of Admissions and the Associate Dean of A & S.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted yes	accepted no	maximum hours	comments
Coursework:				
after 5 p.m.[1]	x		no limit	
weekends	x		no limit	
campus linkages[2]	x		96 for 4 4-year 60 for 2-year	
workshops	x		no limit	Slavic Workshop.
fieldwork[3]	x		no limit	Courses in political science, geology, archeology; study abroad programs.
summer sessions for degree and nondegree students[3]	x		no limit	
correspondence[4]	x		12-18	See the Division of Continuing Education.
extension[4]	x		no limit	See the Division of Continuing Education.
community centers		x		See the Division of Continuing Education.
military bases		x		
veterans hopitals		x		
educational television (campus station)[5]	x			Subject to limitations stated in the IU Bulletin.
remedial courses		x		
Examinations:[6]				
English composition	x		3	
mathematics	x		no limit	

TABLE 3
(continued)

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum hours	comments
	yes	no		
Examinations (continued)				
foreign languages	x		no limit	
general education requirements	x		no limit	Freshmen take exams in some distribution requirement subjects. Other students may request such opportunities.
major requirements	x		no limit	

CLEP[7] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Classes offered in the Evening Division are undergraduate credit courses. Regular admission status is necessary for enrollment for credit beyond twelve hours, and a maximum of twelve semester hours of this work may be accepted upon application and admission to a degree program. However, degree candidates may register for a combination of day and evening classes to gain more flexibility in their class schedule.

[2] Coursework taken on any IU campus is fully accepted at any other IU campus. It is not considered transfer credit and is not subject to any limitations placed on transfer credit except that residency must be established on the campus which will award the degree.

[3] Fieldwork is available is archeology, geology, and other areas. Astronomy students use equipment at the Goethe Link Observatory in Morgan County and in the Morgan-Monroe State Forest. The Classical Studies Department supports field excavation in Greece, and advanced students are often invited to participate. Russian language majors may include a summer or semester of study in the Soviet Union at Leningrad University. Academic-year and summer programs are located at Lima, Porto Alegre, Bologna, Madrid, Strasbourg, and Hamburg. For information on fieldwork, workshops, and overseas study programs, see the course timetable, the A & S College Bulletin, or the Overseas Study Programs Office.

In addition to summer fieldwork, a very large summer program is held on the campus. The First Summer Session runs six weeks; parallel with it are two intensive sessions (thirteen class days each). The Second Summer Session, an eight-week program, follows;

during this period there are three intensive sessions (thirteen days each). This flexible arrangement allows for conferences, workshops, institutes, and short courses, in addition to regular course sessions in which the undergraduate student may earn the equivalent of half an academic year of work (fifteen credit hours). Students at all levels of training attend the credit and noncredit courses offered during the Summer Sessions at IU.

^{4}A wide variety of courses are offered on the undergraduate level. Offerings include classes in African studies, anthropology, astronomy, comparative literature, English composition and literature, French, geography, German, history, Latin, mathematics, philosophy, political science, psychology, sociology, Spanish, and other subject areas.

The courses are offered through the Independent Study Division of the Division of Continuing Education. Formal admission to the University is not required. However, if the course is to be applied toward a degree, University entrance requirements must be met before credit is acceptable. Students wishing to receive credit toward a degree must obtain approval from the dean of, or an adviser in, the school from which they expect to graduate.

High school courses are also available through the Independent Study Division. These courses apply toward high school units for purposes of 1) high school graduation (a maximum of two units if the student is under twenty-one years of age, four units if he is older); 2) college entrance requirements; or 3) high school equivalence certificates. About 60 high school courses are offered.

The Division of Continuing Education directs statewide programs in various forms: correspondence study, reference materials and conferences through the Bureau of Public Discussion, short leadership courses and other conferences through the Labor Education and Research Center, Civil Defense training programs, Evening Division credit and noncredit courses on the Bloomington campus (see footnote 1), televised courses over IHETS (see footnote 5 and Section II, footnote 4), and other projects.

[5] To facilitate and enrich the learning experience, a variety of media is utilized. The Indiana Higher Education Telecommunications System (IHETS) links the Bloomington campus with the regional campuses so that students are able to view lectures originating on the main campus and to hold discussion sessions with the instructor. Other media include film strips, audio-cassettes, and recordings which supplement course syllabi.

In January 1972, a special sixteen-week credit course, "Non-West Studies: East Asia," was offered over IHETS. Topics for the course included Asian geography, history, politics, art, language and literature, and folklore. The course was a cooperative teaching venture employing faculty members from four Indiana universities. In addition to televised lectures, curriculum workshop sessions were conducted at fourteen reception sites in Indiana. Residence credit for the course was granted by IU, Purdue, Indiana State University, and Ball State University.

[6] Exemption and exemption-with-credit exams are given regularly in English composition, the only A & S basic skills requirement. In addition, many entering freshmen are invited to take exams to

satisfy distribution requirements; these exams are offered in the areas of history, political science, chemistry, and biology. It is theoretically possible for a student to earn at least thirty hours of credit before he enrolls through this examination program. The language and composition exams are required. The success rate is about 40% overall on the distribution requirement exams.

A student may request placement examinations and examinations for credit in the major, but the procedures rest with the department. A & S plans to expand special credit opportunities in all freshman and sophomore level courses. In Fall 1972, the Chemistry and Mathematics Departments announced that special credit exams are available on request in all undergraduate courses.

Students who place at the third-year level on the language placement test (CEEB Achievement Test) and complete their first course enrollment in any third-year course which requires knowledge of the language with a grade of A or B, are eligible to apply for six hours of special credit in addition to the credit earned in the third-year course which they completed. Students who place in the second semester of a second-year foreign language and complete that semester with a grade of A or B, can receive three hours of special credit plus credit for the course which they completed. The special credit is in a 298 course, for example, Spanish S298, French F298, etc. Credit for a second language may also be earned by special examination. These options are not available to transfer students who have already taken college coursework in the language.

[7] The faculty preference is for departmental exams over CLEP; however, credit in certain CLEP Subject Examinations is allowed.

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

For the options available to complete the following requirements, consult the Bulletin. The requirements are for the Bloomington campus; students on the regional campuses are not required to establish residency in Bloomington or to complete the degree in six years.

General Requirements

1. A minimum of 122 hours must be completed, at least 112 of which must be in the A & S courses or those designated in the Bulletin. The remaining 10 hours may be taken outside the College.
2. A minimum cumulative grade point average of 2.0 on a 4.0 scale must be achieved.
3. A minimum of 30 hours must be completed in courses at the 300-400 (junior-senior) level.
4. At least 25 hours must be taken in the major.
5. A minimum of 25 hours of the work of the senior year must be completed in residence on the Bloomington campus; not less than 10 credit hours of coursework in the major field of study must be completed on the Bloomington campus.
6. Courses taken on the pass-fail option can be applied only as electives in meeting degree requirements.
7. Not more than 60 hours earned in accredited junior colleges may be applied toward a degree.
8. By special permission of the dean, a limited amount of credit may be earned through correspondence study and/or special credit examination.
9. Work for a degree must be completed within six years from the time the student first registers at the University. A student who fails to meet this requirement may be required to pass comprehensive examinations on the subjects in the area of concentration.
10. All credit of candidates for degrees, except that of the current semester, must be on record at least six weeks prior to the conferring of the degree.

TABLE 4
(continued)

11. An application for a degree must be filed with the College no later than September 15 for May graduation and February 1 for August graduation.

Requirements for the Bachelor of Arts Degree

Area I - English Composition: Every student must demonstrate the ability to use correct, clear and effective English.

Area II - Foreign Language/Foreign Culture: Eight hours of coursework must be completed in a foreign language or three courses in a foreign culture or cultural area.

Area III - Division Distribution requirements are as follows:

Arts and Humanities - 4 courses
Social and Behavioral Sciences - 4 courses
Biological Sciences - 2 courses
Mathematics and Physical Sciences - 2 courses

Area IV - Concentration Requirements: Satisfactory completion of those required for the major.

Requirements for the Bachelor of Science Degree

The following seven majors which lead to the Bachelor of Science degree have requirements which vary from those for the A.B. as follows:

Astrophysics:

Area II - Study in either French, German or Russian. The foreign culture option will not be accepted.

Area III - Arts and Humanities - 2 courses
Social and Behavioral Sciences - 2 courses
Biological Science - 1 course
Mathematics and Physical Sciences - fulfilled by the major

Biological Sciences:

Area II - Eight hours in foreign language above the 100-level; German, French, or Russian are recommended.

Area III - Arts and Humanities - 4 courses
Social and Behavioral Sciences - fulfilled by the major

TABLE 4
(continued)

Biological Sciences (continued)

Biological Sciences - fulfilled by the major
Mathematics and Physical Sciences - fulfilled by the major

Chemistry:

Area II - Three courses on a second-year level in German or Russian.

Area III - Arts and Humanities - 2 courses
Social and Behavioral Sciences - 2 courses
Biological Sciences - 1 course
Mathematics and Physical Sciences - fulfilled by the major

Geology:

Area II - Three hours of one foreign language on the second-year level or completion of the foreign culture option for the A.B.

Area III - Arts and Humanities - 2 courses
Social and Behavioral Sciences - 2 courses
Biological Sciences - Z103
Mathematics and Physical Sciences - fulfilled by the major

Home Economics (teacher certification):

Area II - Competence equal to the first year of college work in foreign language

Area III - Arts and Humanities - 2 to 5 courses
Social and Behavioral Sciences - 3 courses
Biological Sciences - 1 to 4 courses
Mathematics and Physical Sciences - 1 to 4 courses

A total of 50 hours of approved general education courses are required for teacher certification. Consult an adviser.

Optometry:

Area II - Completion of the first 10 hours of a language

TABLE 4
(continued)

Optometry (continued):

Area III -	Arts and Humanities	- 2 courses
	Social and Behavioral Sciences	- fulfilled by the major
	Biological Sciences	- fulfilled by the major
	Mathematics and Physical Sciences	- fulfilled by the major

Physics:

Area II - Competence equal to the first year in each of two languages chosen from French, Russian or German, or completion in one of these three languages of the requirement for the A.B. degree.

Area III -	Arts and Humanities	- 2 courses (6 hour minimum)
	Social and Behavioral Sciences	- 2 courses (6 hours minimum)
	Biological Sciences	- fulfilled by the major
	Mathematics and Physical Sciences	- fulfilled by the major

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?[1] If so, what is the limit? six years	x	
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[2]		x
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours[3]	x	
b. general education requirements[4]	x	
c. major requirements[5]	x	
d. basic skills requirements		x
e. minimum grade point average[6]	x	
f. residency requirement[7]	x	

[1] The time limit can be extended upon appeal to the Dean of A & S.

[2] Exceptions are fieldwork and independent study.

[3] The Associate Dean of A & S may waive one hour on the basis of

an excellent academic record.

[4]The Associate Dean may also waive a portion of the general education requirements for transfer students in need of more work in their major or because of repeated failure of a required course such as biological science.

[5]The major department may waive or substitute courses on the basis of past coursework or experience.

[6]A system of "academic bankruptcy" in the A & S College allows students to drop one semester of grades from the computation of the college grade point average; only IU credits can be dropped and only upon agreement of the A & S dean.

[7]If all work has been taken at IU-Bloomington, a portion of the last 26 hours residency requirement may be waived. IU students accepted into the IU School of Medicine or IU School of Dentistry may count their first year of work in one of these professional schools as academic work done in residence.

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	University Counseling and Psychological Services Center Division of Continuing Education
veterans[1,3]	University Counseling and Psychological Services Center
cultural minorities[1,4]	University Counseling and Psychological Services Center Groups Program Afro-American Affairs Office
educationally disadvantaged[1]	University Counseling and Psychological Services Center
physically handicapped[1]	University Counseling and Psychological Services Center
other special groups:	
health sciences	A & S Office
Continuing Education[5]	University Counseling and Psychological Services Center

[1] Career and personal counseling is provided for all prospective, registered, and former students through the Counseling and Psychological Services Center (CPSC). Vocational and educational counselors advise students individually or in groups; aptitude and other tests are given and interpreted; and a career information specialist assists students in finding information in the vocational library concerning their prospective fields. Staff members of CPSC are also investigating the effectiveness of different types of group career counseling procedures.

In addition to these activities, the staff consults with IU faculty in the development of career exploration classes offered through the University's experimental curriculum. The staff is also cooperating with the University Division in the development of a career exploration course.

CPSC coordinates its efforts with the University academic advisement and placement activities. Its future plans include programs for students placed on academic probation who are undecided or uncommitted in their career plans.

[2]The Division of Continuing Education offers several noncredit courses which center on vocational counseling: "Opportunities for Women: Perspectives of Management, Leadership, and Decision Making"; "Alternatives for Women: The Dynamics of Marriage and Career"; "Women and Society: A Search for Identity." Any person may enroll in these courses, regardless of age or educational background. Formal admission to the University is not required. Credit courses are offered through the Evening Division in "The History of Women in America," "The Heroine in Western Literature," and a seminar on "Women's Roles."

[3]The Counseling Center has a Veterans Administration contract for testing nonstudent veterans to determine where they should go for academic education or vocational training. Student veterans at IU may take the same tests upon request.

[4]The Afro-American Affairs Office has resource people who discuss career opportunities with minority students. Counseling on careers is also provided through the Groups Program (see Resource Centers). Through this Program, community representatives in various fields of endeavor discuss their careers and preparation for such careers.

[5] For educational and vocational counseling, including career information, Continuing Education students are referred to the University Counseling Center.

TABLE 7

Resource Centers

Student	Office to Consult
minority groups:	
Blacks[1]	Groups Program
Latinos	University Division
veterans	Office of Veteran's Affairs
women	Office of Dean of Women's Affairs
physically handicapped	University Counseling and Psychological Services Center

[1] The Groups Program began in 1969. Since that time, educationally disadvantaged students have been recruited through a state-wide network of contact persons in social and governmental agencies and school systems. Annual workshops on campus are given for the Groups recommenders in order to disseminate and discuss information about the Program and its procedures.

Adjustments in the formal IU admissions requirements have been made for some of the Groups students. Financial aid packages (grants, loans, work study) are arranged for the student on the basis of need. Summer orientation sessions, counseling, academic advisement, and tutorial assistance are also provided. Adjunct courses for credit are developed for the students by A & S. These classes include sections of specific courses in the areas of sociology, history, English composition, political science, foreign language, biological science, and mathematics. In Fall 1972, 200 students were admitted into the Program.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid	yes	no		
state grants	x		Office of Scholarships and Financial Aids	State and federal grant requirements include full-time coursework.
EOG	x			
military scholarships	x			
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services	yes	no		
for spouse/dependents		x	Student Health Center	Limit of six conferences in the Psychiatric Clinic. Referrals can be made to IUPUI medical services.
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance				
including pregnancy and childbirth	x		Telephone number for Insurance Company: 800-382-1734	Voluntary plan including optional coverage for pregnancy and childbirth.
for part-time students	x			
Participation in Activities/ Organizations				
equal for part-time students	x		Dean of Students	Approximately 200 organizations, of which more than 40 are musical.
equal for women and men	x			
Housing				
equal for part-time students		x	Halls of Residence; Off-Campus Housing	Students are not required to live in University housing. They must carry nine or more hours per semester to live in the residence halls.
Child care facilities			Student Affairs	Student-operated co-ops (seven at present).
Interlibrary loan			University Library	
Recreational facilities			Indiana Memorial Union Beechwood Heights	Facilities for swimming, sailing, and picnicking at Beechwood Heights on Lake Lemon. Certain intercollegiate athletic facilities are available for public use (swimming, tennis, golf).
Tutorial services			Center for Afro-American Affairs A & S Departments Counseling Center	

TABLE 8
(continued)

Special Services

Service	Office to Consult	Comments
Placement services	Government, Health Services, Education, and Business Placement Offices	Decentralized offices serving all students interested in these areas.
Participation in athletic programs	Department of Athletics School of Health, Physical Education, and Recreation	Big Ten rules for intercollegiate sports. An extensive intramural program for all students.
Short-term leaves	A & S Office Admissions	
Other services		
Assembly Ground	Dunn Meadow (North of Memorial Union)	Area of free speech and assembly.

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
Independent Learning Program	A.B.	yes
Public Affairs	B.S.	yes
"Double Major"	A.B. or B.S.	yes
Interdepartmental Major	A.B.	yes
Optometry	B.S. or A.B.	yes

The Independent Learning Program (ILP) enables a student to develop an interdisciplinary baccalaureate program in collaboration with a faculty adviser. All course and other graduation requirements of the standard bachelor's requirements are waived, but a final oral examination and a thesis or project are required. The student generally pursues a program of regular IU courses and independent study. Thus, greater flexibility is attained, and the major becomes a self-directed program.

ILP students must identify their own area of inquiry and must interest a faculty member in directing them in shaping the proposal to be submitted to the Independent Learning Program Committee. The faculty member supervises and reviews the work as it progresses. Recent subjects have included Contemporary Rock Music, Poverty Programs, Environmental Problems, The Teaching of

Opera, and The Effects of Drugs. ILP, although intended as an alternative to the usual A.B. degree, is an academic liberal education program. The proposals must form a coherent pattern of courses which are not duplicated by existing departmental programs and which are not randomly selected classes.

The Program is open to all sophomore students, and may be elected earlier, by second semester freshmen, or up to the beginning of the senior year. Proposals should be built around the four components of the Program: an acceptable program of study, a concentration, a senior project or thesis, and a final examination. ILP is not conceived as an honors program. It is open to all self-motivated, self-disciplined students who fulfill its requirements.

The B.S. program leading to a degree in Public Affairs began in Fall 1972. It is a broadly interdisciplinary curriculum with coursework in the social and behavioral sciences, mathematics and economics, and special courses in public and environmental affairs, environmental systems, urban systems, urban and regional planning, policy analysis, public administration, public financial management, and public affairs. The degree is designed as background for participation in public affairs and orientation toward a career in public service.

Students choose between five areas of concentration: Criminal Justice, Environmental Studies, Mass Communications, Policy Administration, and Urban Studies. Other concentrations can be arranged by the student in consultation with an adviser. Off-campus fieldwork, projects, and "service-learning" experiences are developed. Transfer students would have difficulty entering the program unless they had completed the tool and pre-professional courses. For information, contact the School of Public and Environmental Affairs, Poplars Research and Conference Center, 7th Street and North Dunn.

A & S offers a degree entitled "Double Major" awarded to students who complete all of the requirements of two majors. At least 25 hours must be taken in each major, and the residence requirement of at least 10 hours in each major at Bloomington must be met. Students are required to have two advisers, one from each of the departments in which they propose to study, and their programs of study must be approved by the Associate Dean of A & S. Double majors would be particularly appropriate in the fields of Anthropology and one of the Area Studies Programs (Africa, Latin America, East Asia, and the Middle East).

Interdepartmental majors are available for the student whose interests are divided and who would like to study two disciplines or subjects in depth. Students are required to complete the general degree requirements and 40 semester hours in the concentration area. The 40-hour concentration need not be equally divided between the two disciplines, but must be a program designed to give substantial knowledge in depth in each discipline. The program should include a minimum of four advanced (junior-senior) courses, that is, 12 to 16 hours of advanced coursework in each area. Two faculty advisers, one from each of the departments in the proposed study, and approval of the program of studies by the Associate Dean of the College are required.

The professional curriculum in Optometry leads to the B.S. in Optometry (or A.B. with a major in Optometry), followed by the Doctor of Optometry degree. Graduates may elect to continue their education by taking advanced academic degrees in the Physiological Optics program, an outstanding visual science program.

Classes but no undergraduate degrees are available in certain graduate areas: African Studies, East Asian Studies (an interdisciplinary program with plans underway to provide an undergraduate certificate program), Russian and East European Studies, Uralic and Altaic Studies, Urban Studies, and West European Studies.

The offerings of the Uralic and Altaic Program are supplemented by coursework in linguistics, anthropology, geography, history, folklore, musicology, and similar subjects. Studied in this department (the only one of its kind in the United States) are the languages and history of the Uralic and Altaic peoples found in Hungary, Finland, Turkey, several non-Slavic areas of the Soviet Union, Outer Mongolia, Korea, and other Asian areas. Tibetan is also offered in this department because of the close affiliations of Tibet with Outer Mongolia.

Although no undergraduate degree is offered in East Asian Studies, students may elect a baccalaureate in East Asian Languages and Literatures. IU is one of the few universities in the Midwest to offer advanced courses in Chinese and Japanese, and the only university in this region that has an extensive Korean program.

Other language courses are offered in Danish, Swedish, and Dutch, through the Germanic Languages department, and Arabic, Dyula, Twi, Hausa, Swahili, Mende, and Wolof, through the African

Studies department.

In addition to unusual programs and coursework, one of the unique aspects of IU is a central records system. Students are able to take the same course on any campus of the University, and the credit is automatically acceptable to any other IU campus. Through this system, IU students are able to accumulate college credit by taking courses near their homes in the summer, and may thereby shorten the number of semesters necessary to complete a baccalaureate degree.

INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS

INTRODUCTION

Established in January 1969, Indiana University-Purdue University at Indianapolis (IUPUI) is the linkage in an urban setting of Indiana's two CIC universities. IUPUI has thirteen academic divisions: the School of Liberal Arts (IU academic missions); the School of Science (Purdue and IU combined academic missions); the School of Engineering and Technology (PU missions); the Schools of Medicine, Dentistry, and Nursing; Indianapolis Law School; Normal College of the American Gymnastic Union; the Divisions of Business, Education and Public and Environmental Affairs; the Graduate School of Social Service; and the Herron School of Art. A fourteenth unit, the Division of University Hospitals, is the clinical teaching complex for an extensive health care program.

Total student population at IUPUI in Fall 1972 was over 17,000; in addition, each year over 12,000 persons take part in nondegree continuing education programs conducted by the various divisions. Enrollment in degree programs is expected to grow beyond 25,000 in the 1970's.

IUPUI undergraduates present a fairly typical picture of the urban commuter student. They range in age from 20 to over 50. They are largely local residents: four out of ten were born in Marion County, Indiana, and over 50% received a high school diploma in the county; 68% expect to complete their degrees at IUPUI. Almost 82% of the students finance their educational career through jobs, scholarships, loans, and the GI Bill. More than half obtain financial support from their jobs or those of their spouses. Over two-thirds of the students' fathers had no college experience.

Sixty percent of the undergraduates come from the upper 30% of their high school graduation class. The mean SAT verbal and mathematics scores for freshmen in Fall 1971 were 454 and 474 (University Division) and 490 and 582 (science programs); for transfers into the IU arts and sciences programs, the scores were 485 and 504. More than two-thirds of the undergraduates live at home, and 44% are married.

The city provides much of the entertainment for these students. The nationally recognized Indianapolis Symphony performs throughout the winter season. There are art galleries, libraries, and museums, in particular the Indianapolis Museum of Art on the Lilly grounds. In addition, the proximity of Bloomington and West Lafayette makes possible attendance at IU and Purdue programs of theatre, music, athletic, and social events; closer still are events at Butler University and other colleges in Indianapolis.

It is a typical picture of the urban university. What is different at IUPUI is the diversity of programs, which range from those offered in the 80-acre concentration of health-care resources (the largest in the state of Indiana) to those in the oldest physical education school in the United States.

IUPUI's divisions include undergraduate and graduate programs developed within the regional campus systems of Purdue and IU, but the school is also aware of its urban mission. It is a member of the Consortium for Urban Education (CUE), a cooperative program concerned with the quality of education on all levels in the Indianapolis metropolitan area. Seven local universities and colleges, three city government agencies, and four community service agencies are members of CUE.

One CUE project has been FEED BACK, a workshop for inner-city elementary teachers and professors of education, the purpose of which is to identify current deficiencies in the preparation of teachers for inner-city schools and to propose means to eliminate these deficiencies. CUE also operates a Student Action Program which coordinates volunteer work in local social and governmental agencies. In the planning stage now are several proposals for the exchange of courses, faculty, and college credits among the CUE institutions of higher learning.

The Chancellor of IUPUI, Maynard K. Hine, has set forth four goals for the University: service to the urban environment, accessibility to students of widely diverse backgrounds and interests, flexibility of programs, and comprehensiveness in the areas of instruction, research, and public service.

Because IUPUI is in the process of development, programs and student services are beginning, changing, or enlarging. New facilities are being planned for the University Quarter, the area which includes the School of Liberal Arts, the Medical-Health Care facilities, and several undergraduate divisions. In addition to its two degree programs, the new Division of Public and Environmental Affairs is offering course work in pollution control and child care technology as well as a class in ghetto language for police and social workers.

Students at IUPUI share in the excitement, confusion, and optimism surrounding the creation of a unique system of higher education.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

Special recruitment programs are directed toward Viet Nam veterans, who are also encouraged to make application for admission on their own. Minorities are not actively recruited, but are given special financial aid and are eligible for regular admission or admission through the Guided Study Program (see Resource Centers). Transfer students are not actively recruited.

Freshman students pursuing IU degrees enter the University Division, the first-year program for undergraduates. Sponsored study, adult nondegree students, and undecided Purdue freshmen are also registered in the Division. Counselors assist entering students in the selection of courses and majors and provide career information and study advice. Regularly admitted IU students are assigned to the Division until they have completed 26 hours of college credit with an average of 2.00 (C) or better. They may remain within the Division without declaring a major or on academic probation until they have completed 52 hours of credit. During this period, students may take part in the Exploratory Student Program, a program of introductory coursework and career counseling.

Nondegree or temporary students are classified in one of three ways: adult nondegree, graduate nondegree, or transient. Any person with or without a baccalaureate degree who is more than twenty-one years of age may enroll in courses up to a maximum of 30 credit hours. Credit received in this manner may later be applied to an undergraduate degree program if the adult nondegree student should seek and gain admission to IUPUI. Temporary (nondegree) graduate students require approval of their programs by the IUPUI Graduate

Counselor or the Director of Graduate Studies. Transient students are those seeking a degree from another school who may enroll in courses which their school approves. Applications for admission as nondegree students and information regarding this status are available from the Admissions Office, IUPUI. There is no admissions quota on students admitted who are not pursuing a degree.

IUPUI does not offer a Bachelor's Program in General Studies.

Students need not pursue a full-time program, and there is no admissions quota on part-time students. There is also no admissions quota on out-of-state students.

Exceptions to admissions requirements are made for Guided Study, sponsored study, and for adult nondegree students. The Admissions Office receives all requests for exceptions to admissions policies.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	University Division (IU freshmen; *undecided* Purdue freshmen) School of Liberal Arts (IU sophomores, juniors, and seniors) School of Science (Purdue freshmen, Purdue and IU sophomores, juniors and seniors)
students withdrawing from the university	University Division (IU freshmen; *undecided* Purdue freshmen) School of Liberal Arts (IU sophomores, juniors, and seniors) School of Science (Purdue freshmen, Purdue and IU sophomores, juniors, and seniors)
students dropped for academic reasons	University Division (IU freshmen; *undecided* Purdue freshmen) School of Liberal Arts (IU sophomores, juniors, and seniors) School of Science (Purdue freshmen, Purdue and IU sophomores, juniors, and seniors)
prospective freshmen	Admissions Office University Division
applicants for transfer	Admissions Office School of Liberal Arts School of Science
applicants for readmission	Dean of School of Science Dean of School of Liberal Arts

TABLE 2

Acceptability of Transfer Work
as Credit toward Graduation

	accept		maximum	comment
Type of Transfer Work*	yes	no	hours	
academic work at fully-accredited, four year college institutions[1]	x		no limit	
academic work at provisionally-accredited two- or four-year institutions[1]	x		no limit	Approval of Dean or department head.
academic work at unaccredited institutions[1]	x		62	Dependent upon approval of Dean and department head.
academic work at junior colleges[1]	x		60	Total for School of Liberal Arts. Must be from accredited institution.
United States Armed Forces Institute (USAFI)	x		no limit	Department may be asked to evaluate coursework.
College-Level Examination Program (CLEP)	x		9 General	Test 4 only (Humanities).
American College Test (ACT)		x		
Advanced Placement	x		no limit	
educational television[2]	x		no limit	If academically accredited institution offers course.
formal schooling in the military service	x		no limit	
occupational training in the military service		x		
military service[3]	x		10	Credits include credits in P.E. and military science and for Officer's Training School
correspondence work from own institution[4]	x		12	Work taken in the major is subject to departmental limitation.
correspondence work from other institutions[4]	x		12	
extension courses	x		no limit	
technical-vocational courses[5]		x		No AA nursing or technical courses accepted by the School of Liberal Arts.

TABLE 2
(continued)

Acceptability of Transfer Work
as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
pass-fail from other institutions	x		8 courses in liberal arts	Pass grade must equal A, B, or C.
nontraditional methods (learning contracts, community service, etc.)		x		

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

[1] Grades of C or better are required for transfer work. Acceptance of specific credit toward graduation may vary by department. Acceptance of coursework from provisionally accredited or unaccredited institutions is dependent upon the approval of a dean or a departmental chairman.

[2] For discussion of courses offered on the Indiana Higher Education Television System (IHETS), see the chapter on Indiana University, Sections II and III.

[3] Credit for military service for students enrolled since 1965 varies with the length of service; for information, consult the Admissions Office. A maximum of 6 semester hours of credit and 2 hours of physical education given for service may be counted toward graduation from the School of Liberal Arts. Also see footnote 5.

[4] Correspondence study should be relevant to the degree program or area requirements. The hour limitation on correspondence work may be extended by a dean.

[5] A maximum of 10 semester hours of work may be taken outside the area of the School of Liberal Arts. If military service is counted for 6 hours (see footnote 3), 4 additional hours may be counted. Outside work does not include AA technical or nursing courses; it may include academic coursework in the areas of business administration or education or in the Allied Health curricula (for example, courses in Radiation Physics). Two hours of physical education may be added to the total hours of work taken outside the School.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted yes	accepted no	maximum hours	comments
Coursework:				
after 5 p.m.	x		no limit	
weekends	x		no limit	
campus linkages[1]	x		residency would limit	All IU and Purdue Campuses; CUE; Allied Health departments.
workshops		x		
fieldwork[2]	x		no limit	Courses in sociology, geology; study abroad.
summer sessions for degree and nondegree students	x		no limit	
correspondence[3]			12	See footnote.
extension[4]			no limit	See footnote. Very few credit courses.
community centers		x		
military bases	x			Ft. Benjamin Harrison.
veterans hospitals		x		
educational television (campus station)	x		no limit	See Table 3 for IHETS Indiana University.
remedial courses[5]	x		variable	Credit hours, but they do not apply toward a degree.
Examinations:				
English composition	x		3	
mathematics	x		no limit	
foreign languages	x		10-16	

TABLE 3
(continued)

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum	comments
	yes	no	hours	
Examinations: (continued)				
general education requirements	x		no limit	Not a structured examination system. Departments would be consulted by Deans and would make up individual examinations.
major requirements	x		variable	

CLEP - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1]The Columbus Center in Columbus, Indiana, offers coursework leading to IUPUI undergraduate degrees in education, arts and sciences, and business administration. At the present time, sufficient classes are offered to complete the freshman and sophomore years on a full-time basis. Part-time students can take work at the junior level. In Fall 1971, 606 students, primarily adults attending on a part-time basis, were registered at the Center.

Campus linkages include all IU and Purdue campuses, schools in the Consortium for Urban Education, and departments within the Division of Allied Health Sciences.

The Division of Allied Health Sciences (AHS) was established within the School of Medicine in 1959. Baccalaureate degrees are offered in Cytotechnology, Medical Records, Medical Technology, Occupational Therapy, Physical Therapy, Public Health Dental Hygiene, Public Health Administration, Public Health Education, Public Health-Environmental Health and Radiologic Technology. Two-year associate degree programs include Cytotechnology (in the process of development); Medical Record Technology (degree awarded by the Division of General and Technical Studies, IU Northwest at Gary); Occupational Therapy Technology (courses taken at IUPUI; degree awarded through the Division of General and Technical Studies, IU), Dental Hygiene (three programs at IU-Fort Wayne and South Bend and Indiana State University at Evansville; a fourth, in the IU School of Dentistry, IUPUI, also prepares students for the Bachelor of

Science degree in Public Health Dental Hygiene); Radiologic Technology (degree of Associate in Science for work taken at IUPUI and in Fort Wayne, Gary, Kokomo, Michigan City, or South Bend hospitals; a Bachelor's Degree program is also available at IUPUI); Respiratory Therapy; and Hospital Dietary Technology. The curricula pattern of the Division of Allied Health Sciences calls for a year in the IUPUI or IU University Division and, therefore, the Division cooperates with the University Divisions at Indianapolis, Bloomington, and other campuses in the advising of prospective Allied Health students.

IUPUI students may also take courses at CUE institutions by individual arrangement with a dean; coursework would be considered as residential credit.

[2] For information on fieldwork and language programs offered abroad, consult the course timetable, the School Office, or the appropriate departmental offices.

[3] No limit is placed by the School of Liberal Arts on work taken by correspondence during military service. While in school, the maximum is 12 hours, but additional hours may be allowed upon appeal to the Dean. Courses are offered through the Division of Continuing Education, Indiana University.

[4] Courses offered by IUPUI Continuing Education are generally noncredit with the exception of a few courses in economics, education, English, history, and philosophy. Credit courses are also offered for adults through the regular University facilities.

[5] Whether credit or noncredit, remedial courses do not apply toward graduation. Enrollment in such courses is dependent upon the student's needs and the course requirements. For further information, see a dean.

TABLE 4

University and College Graduation Requirements

See Appendix 6 for a listing of degrees offered by Indiana University and those offered by Purdue University. It would also be wise to see an adviser.

Indiana University Requirements

For the options available for completing the following requirements, consult the Bulletin.

General Requirements

1. A minimum of 122 semester hours, at least 112 of which must be in A & S or approved courses. The remaining 10 hours may be taken outside the College.

2. A minimum cumulative grade point average of 2.0 on a 4.0 scale.

3. A minimum of 20 hours in courses at the 300-400 (junior-senior) level.

4. At least 24 hours must be taken in the major.

5. A minimum of 26 credit hours of the senior year and not less than 10 credit hours in the major must be completed in residence at the Downtown Campus.

6. Courses taken on pass/fail can be applied only as electives in meeting degree requirements.

7. Not more than 60 hours earned at accredited junior colleges may be applied toward a degree.

8. By special permission of the Dean, a limited amount of credit may be earned through independent study and/or by special credit examination.

9. Work for a degree must be completed within six years from the first registration in the University. A student who fails to comply with this requirement may be required to pass comprehensive examinations on the subjects in his major.

10. All credit of candidates for degrees, except that of the current semester, must be on record at least six weeks prior to the conferring of degrees.

TABLE 4
(continued)

11. A degree application must be filed in the College no later than September 1 for May graduation and February 1 for September graduation.

Distribution Requirements

Area I - English Composition: Demonstration of the ability to use correct, clear, effective English through coursework or examination.

Area II - Foreign Language: Either the first 10 credit hours of work, or demonstration of first-year proficiency by examination in an approved foreign language.

Area III - Divisional Distribution:

Arts and Humanities - 4 courses
Social and Behavioral Sciences - 4 courses
Biological Sciences - 2 courses
Mathematics and Physical Sciences - 2 courses

Area IV - Concentration Requirements

As outlined for the major.

Purdue University Requirements

For the options available for completing the following requirements, consult the Bulletin.

University Requirements

1. Completion of the plan of study underlying the degree.

2. Resident study at the 38th Street Campus for at least two semesters, completing at least 32 semester hours of work in upper-division courses.

3. Registration, either in residence or in absentia, as a candidate for the desired degree during the semester (or summer session) immediately preceding its conferment.

4. Satisfaction of the quality standards in academic work as prescribed by the faculty, including a minimum graduation index of 4.00 on a 6.00 scale.

5. Demonstration of a satisfactory working knowledge of the English language.

TABLE 4
(continued)

6. Payment of the $10 graduation fee to the bursar.

7. Attendance at the commencement exercises.

School of Science

Total hours: a minimum of 124 semester hours. Note: All credits must have been earned within the ten years preceding the date of graduation.

English Composition: one year of English Composition

Foreign Language: completion of a fourth-semester college-level course or the equivalent

Humanities, Social Studies, and Behavioral Science: a minimum of 18 hours

Mathematics: at least 11 hours

Science: at least 4 laboratory courses outside the major

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[1]	x	
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements		x
c. major requirements		x
d. basic skills requirements		x
e. minimum grade point average		x
f. residency requirement[2]	x	

[1] Exceptions might be fieldwork or study abroad.

[2] Exceptions are made generally for students within the IU system, for example, the student who started at IUPUI, transferred to IU-Bloomington, and then returned to IUPUI. A dean makes the exceptions.

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	University Division Deans and their staff and departmental faculty members in the Schools of Liberal Arts and of Science Continuing Education
veterans[1,3]	University Division Deans and their staff and departmental faculty members in the Schools of Liberal Arts and of Science
cultural minorities[1,4]	University Division Deans and their staff and departmental faculty members in the Schools of Liberal Arts and of Science Guided Study Program
educationally disadvantaged[1,4]	University Division Deans and their staff and departmental faculty members in the Schools of Liberal Arts and of Science Guided Study Program
physically handicapped[1,3]	University Division Deans and their staff and departmental faculty members in the Schools of Liberal Arts and of Science Guided Study Program
other special groups: health sciences[1,5]	University Division Deans and their staff and departmental faculty members in the Schools of Liberal Arts and of Science Guided Study Program IUPUI professional schools

TABLE 6
(continued)

Career Counseling

Student	Office to Consult
other special groups: (continued)	
Columbus Center students[6]	IUPUI staff

[1] The University Division develops materials and audio tapes containing career information. The counselors in this unit are also available to students for discussion of their programs, course selection, and interest and career development.

A limited amount of occupational interest and aptitude testing is available to students from a member of the Student Services staff at the School of Liberal Arts and from a member of the Division of Education faculty at the 38th Street Campus. Academic counseling is the responsibility of the faculty and is coordinated by the Deans and Department Heads of the various academic units.

Career counseling is clearly an area in need of further development at IUPUI.

[2] Two noncredit programs offered Fall 1972 by the Continuing Education Office were "Women and the World of Work" and "Women, Higher Education, and the Law." The first was a one-day seminar designed for women of all ages and marital status, with the subtitle, "How to Get a Job and Like it." Discussion included practical matters of writing resumes, making applications, and seeking out jobs and the more philosophical aspects of self-evaluation, family expectations, and the question of whether it is worthwhile to go to work. "Women, Higher Education, and the Law" was a two-day conference intended to provide information for administrators in higher education regarding ways to eliminate sex discrimination in college admissions policies, employment, advancement, counseling, and other areas.

[3] Academic and (limited) career counseling is available to veterans organizations, student veterans, and handicapped students

through the University Division.

[4] Career counseling, which is offered to all Guided Study students (see Resource Centers), includes vocational testing and availability of career pamphlets. Counselors in the Center help in choosing courses, selecting a major, and working toward specific educational and vocational goals.

[5] Health sciences advisement is available in the University Division, the School of Liberal Arts, the School of Science (for premedical and predental students), and in the various IUPUI professional schools such as the Allied Health Sciences Division. Library materials and an SRA career library are located on the 38th Street Campus. There is a special guided Study Program in Nursing; for information, consult the Guided Study office. Another source of information is a city-wide workshop sponsored by the state association for advisers in health careers.

[6] Academic and career advisement is provided for Columbus Center students by IUPUI staff. A Guided Study Program is in operation at the Center for those students in need of special services.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Blacks and other educationally disadvantaged[1]	Guided Study Program
veterans[2]	-----
women[2]	-----
physically handicapped[2]	-----

[1] When students apply to IUPUI and are found to be inadmissible, they are considered for the Guided Study Program. Consideration is based upon past academic record, work experience, military service, and recommendations. The Program assigns a counselor to each student selected.

Guided Study students are not regularly admitted IUPUI students. They register for no more than 12 hours per semester and must maintain a 1.00 (D) average. Students register in both noncredit learning skills courses and academic credit courses. Upon satisfactory completion of a certain amount of coursework, the amount to be at least one semester and to be decided by the program administrators, students are certified as registered in the University Division.

While enrolled in the Program, students are given intensive work in specific skills through four courses, "Fundamentals of English," "Reading-Learning Techniques," "High School Algebra," and "Plane

Geometry." An orientation course, "Lectures on Learning," provides general instruction for those students who do not need specific skills improvement.

There are over 1,000 students in this program. Their counselors are interested IUPUI faculty, staff, and administrators.

[2]There are no resource centers for veterans, women or the physically handicapped. The Commission on Women is concerned with admission policies. Veterans counseling is available in the University Division Office.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid				
state grants	x		Financial Aids Office, Cavanaugh Hall, 925 W. Michigan	Federal and state guidelines may dictate full-time status to receive certain kinds of financial aid. Centralized office for IU and Purdue students.
EOG	x			
military scholarships		x		
university scholarships	x			
other scholarships	x			
university loans (long and short term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services				
for spouse/dependents		x	Student-Employee Health Service, Clinical Building Medical Center Campus	Full-time students only. Part-time students are only seen in an emergency. Referrals may be made to the specialty clinics in the University Hospitals.
gynecological services	x			
psychiatric counseling	x			
equal for part-time students		x		

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance				
including pregnancy and childbirth	x		Student-Employee Health Service, Clinical Building, Medical Center Campus	Optional coverage underwritten by the University Life Insurance Company specifically for IUPUI students.
for part-time students	x			
Participation in Activities/ Organizations				
equal for part-time students	x		Student Activity Board	IUPUI Student Activity Board is centralized. Student government is decentralized; there are separate student senates on the 38th Street and Downtown campus. The two student newspapers have merged into one unified paper.
equal for women and men	x		Dean for Student Service, Cavanaugh Hall or Krannert Building	
Housing				
equal for part-time students		x	Department of Housing, University Quarter	Full-time students are given preference in the few University units.
Child care facilities			Dean for Student Services, Cavanaugh Hall or Krannert Building	No University units. Information on community facilities is available.
Interlibrary loan			Downtown and 38th Street Campuses Libraries	Libraries are open seven days per week. Interlibrary loan services with IU, Purdue, and other U.S. academic libraries.
Recreational facilities			Union Building, University Quarter	For all IUPUI students.

TABLE 8
(continued)

Special Services

Service	Office to Consult	Comments
Tutorial services	University Division Office	Tutors are students. Fees are charged.
Placement services	Placement Office 38th Street Campus	For IU and Purdue graduates.
Participation in athletic programs	Athletic Director; Director of Intramural Activities and Coordinator of Sports Clubs	Only basketball in intercollegiate sports; participation follows Big Ten rules. Intramural sports available to all students. Operated by the Normal College staff.

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted into Program
Philosophy	B.A.	yes
Criminal Justice	B.S.	yes
Metropolitan Studies	B.S.	yes

Five different areas of undergraduate concentration are offered by the Department of Philosophy in the School of Liberal Arts--History of Philosophy: The Role of Philosophy in Western Civilization; Philosophy of Culture: Man, Society, and the State; Technology and Human Values: Man, Science, and Society; American Philosophy and Civilization; Philosophy of Language and Communication. In each area, coursework is required not only in the major field but in other academic disciplines which are appropriate to the concentration; for example, students who elect the major in Technology and Human Values must complete a portion of the major in a series of courses chosen from a listing which includes classes in biology, computer technology, economics, fine arts, psychology, and sociology. The intent of the five program areas is to demonstrate the relationships and interdependence between philosophy and other disciplines designed to understand and improve man's world.

The majors in Criminal Justice and Metropolitan Studies are offered through the IUPUI Division of Public and Environmental Affairs, which is affiliated with the School of Public and Environmental Affairs at IU-Bloomington (see Unique Programs in the chapter on Indiana University).

The Criminal Justice degree program offers coursework from many academic areas of IUPUI including the Indianapolis Law School; this cooperative arrangement with the Law School is an unusual and beneficial aspect of the degree not present in any other CIC Criminal Justice program. Additional cooperative relationships have been established with municipal, county, and state criminal justice agencies in order that the students may be involved in a real living experience in addition to ther academic coursework. The major interest areas in the program are Law Enforcement, Probation, Parole, and Correctional Administration. Requirements for the major depend upon whether the student is in-service (employed by a criminal justice agency or the graduate of a basic professional entry level training program) or pre-service. In addition to a major interest area, students select a secondary concentration supporting area such as computer science and technology, business administration, forensic science, or other allied fields. This additional requirement allows students to plan their programs in view of their specific career goals or for career improvement.

Metropolitan Studies is a highly flexible interdisciplinary program which requires coursework in five areas: Urban Government and History, Urban Environment, Urban Sociology, Urban Economics, and Urban Problems. Students participate in seminars on research techniques, guided fieldwork with governmental or private agencies, and independent reading in a specific area of interest. The Executive Director of CUE (see the introduction to this chapter on IUPUI) is the Director of the Office of Metropolitan Studies. This connection makes available to students many of CUE's resources; lecturers in Metropolitan Studies classes have included the Mayor of Indianapolis, governmental and social agency personnel, and members of inner-city neighborhood organizations.

UNIVERSITY OF IOWA

INTRODUCTION

Students at the University of Iowa (UI) are from every state and about seventy countries, but 80% of undergraduates are Iowa residents, and one-fourth are from rural areas. In 1971, over 90% of the students were in the upper 50% of their high school graduating class, and more than 25% in the upper 90% of their class. However, one-fourth of the students graduated in high school classes of fewer than 100 students, and two-thirds from classes of fewer than 400 students.

The home-grown undergraduate population has an architectural counterpart in the most distinctive building on campus, the Old Capitol, which served as the capitol of the Iowa Territory when it was built in 1840 and as the first capitol of the newly admitted state from 1846 to 1857.

There are a few Black and Chicano students on the campus; a minority program provides special services for these students. The Afro-American and Chicano-Indian Cultural Centers try to bridge the cultural gap--there is no minority community in Iowa City, and social life on the campus is "not exceptional." Special Support Services (see Resource Centers) runs "Operation Keyhole," a program in which candidates for admission to the University who live in the inner-city are invited to the campus and given an opportunity to see what it would be like to be a student at UI.

Students in the undergraduate Liberal Arts College are in the eighteen to twenty-two year old range. There is a growing number of veterans on the campus; and there are older students, but they are mostl graduate students. Older undergraduates can succeed at UI if they have the ability and interest. The University Counseling Service is seeking out students who have been out of school for one year or more and inviting them to use the services of the office. A project for older women students has started under the direction of the Counseling Service and the Organizational Development Staff in the Student Activities Office. Incoming women students who are twenty-five years of age or older are invited to attend group sessions led by women who have successfully resumed or completed academic programs at UI after having been out of school for a number of years. The support groups are open to women entering college or returning to school after an absence of at least one year. (For further information, see Career Counseling.)

The UI Administration has also expressed concern for students who wish to take coursework at the University without declaring degree candidacy. At the request of the Provost, the Director of Admissions has reviewed and changed application and registration procedures for nondegree candidates so that qualified students may enroll without difficulty. One change in policy has eliminated the requirement of a medical examination for enrollment. A change still in the discussion stage is a new fee schedule based on semester hours of coursework.

A resource person for both mature and younger students is the University Ombudsman. Like officers on several other campuses in the CIC, UI's Ombudsman sees students, faculty and staff with problems, questions, or complaints. The office is primarily intended for students, and the job of the Ombudsman is to help work out grievances, gripes, and worries. The present UI Ombudsman, Dean Huit, visits the student grill (the Wheel Room) once a week in addition to seeing students in his office. A friendly, outgoing man, he sees himself as an agent for constructive change in the University.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

The Office of Admissions has never recruited outside the State of Iowa, and has no special recruitment programs directed toward itinerant students. It may begin a veterans recruitment program.

Degree and nondegree candidates are admitted into a specific college of the University. Nondegree candidates include those who have already earned a bachelor's degree, high school students, students in good standing from another institution, and others.

Nondegree students are classified by two categories: 1) extension or workshop students; and 2) students registered for regular, on-campus coursework. Admission and registration procedures are highly simplified for workshop and extension students, and many of these are older men and women who are able to attend college only on a part-time basis. Nondegree students in the second category may register for any course for which they have the prerequisite, without review, until they have completed 30 semester hours of work. At that point, the records of students registered as nondegree candidates in the College of Liberal Arts (CLA) are reviewed by the College to determine if their enrollment should be continued, discontinued, or if they should apply for degree status.

It should be noted that nondegree students are those judged to be qualified to do University work, and that once enrolled they must achieve satisfactory grades. However, CLA permits its dropped students to register as nondegree candidates during the required one-year (or shortened one-semester) period of absence from degree candidacy.

Students who already hold a bachelor's degree may complete a second baccalaureate degree by taking 30 hours of work. For information, consult a CLA adviser.

There is a General Studies program in CLA (see Unique Programs). Its admissions requirements do not differ from those of other degree programs in the College.

Students are not required to pursue a full-time program, and there is no admissions quota on part-time students. There is also no admissions quota on out-of-state students, although only 20% of the entering freshman class are nonresidents.

The Office of Admissions receives appeals for exceptions to the stated admissions requirements. Exceptions can be made for those who seem to have a reasonable chance to succeed, and maturity and life experiences can count in the candidate's favor. In most cases the Office of Admissions likes to interview candidates requesting exceptions. A CLA committee reviews the case after the Admissions Office has made a decision if the decision is appealed by the student. Those whose requirements are waived may be given nondegree candidate status until they have demonstrated their academic ability in coursework at UI, or they may be placed in the regular student category.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	CLA Office
students withdrawing from the university	CLA Office
students dropped for academic reasons	CLA Office
prospective freshmen	CLA Office Admissions Office
applicants for transfer	CLA Office Admissions Office
applicants for readmission	CLA Office

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions	x		no limit	
academic work at provisionally-accredited, two- or four-year institutions	x		no limit	If the student completes a year at Iowa with a C average.
academic work at unaccredited institutions		x		Credit by examination only.
academic work at junior colleges	x		62	
United States Armed Forces Institute (USAFI)[1]	x		30	
College-Level Examination Program (CLEP)	x		Gen.-8 hrs.each Sub.-4 hrs.each	Total Credit Allowed = 32 hrs.
American College Test (ACT)		x		
Advanced Placement	x		no limit	
educational television	x		no limit	On a transcript from an accredited institution only.
formal schooling in the military service	x		no limit	ACE recommendations are followed.
occupational training in the military service		x		ACE recommendations are followed.
military service		x		Exemption from P.E., but no credit toward graduation.
correspondence work from own institution[1]	x		30	
correspondence work from other institutions[1]	x		30	
extension courses	x		no limit	
technical-vocational courses		x		Exceptions are made only if courses are similar to ones offered by the University. Consult the department head.
pass-fail from other institutions[2]	x		32	See footnote.

TABLE 2
(continued)

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
nontraditional methods (learning contracts, community service, etc.)		x		

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College office; appeals of decisions should be referred to college deans or their representatives.

[1] A total of 30 semester hours is allowed for all correspondence work including USAFI credit.

[2] Iowa students may register for one or two pass-fail courses per semester up to a maximum of 32 hours on pass-fail. Students transferring to Iowa will be permitted to take the following amount of credit on pass-fail while at Iowa: sophomores, 24 hours; juniors, 16 hours; seniors, 8 hours. Those students transferring from accredited schools which grade only on the pass-fail system (for example, Brown and New College) will receive credit for all work.

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted yes	accepted no	maximum hours	comments
Coursework:				
after 5 p.m.[1]	x		no limit	Limited offerings.
weekends[1]	x		no limit	Extension Division Saturday classes for regular and extension students.
campus linkages[2]	x		no limit	Limited to the three state schools.
workshops	x		no limit	
fieldwork	x		no limit	Coursework is available in geology, social work, education.
summer sessions for degree and nondegree students	x		no limit	
correspondence[3]	x		30	Total limit on all correspondence credit is 30 hours (see Table 2.)
extension	x		no limit	
community centers	x		no limit	
military bases	x			
veterans hospitals		x		
educational television (campus station)		x		
remedial courses		x		Noncredit reading, writing, and speaking labs are available.
Examinations:[4]				
English composition	x		32	
mathematics	x			Math department will give the CLEP exam for Calculus.
foreign languages	x			
general education requirements	x			
major requirements[4]	x			A maximum of 16 hours above the 32 hour limit.

CLEP[5] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Extension classes are offered to regularly admitted undergraduate students and nondegree candidates during the period from 5 p.m. to 10 p.m., Monday through Friday, and on Saturday mornings. Courses in anthropology, chemistry, Chinese and oriental studies, geography, geology, guidance, history, literature, mathematics, music, philosophy, physics and astronomy, political science, psychology, sociology, speech, urban and regional planning, and zoology are among the wide variety offered.

[2] A new Regents Exchange Scholar program links UI with Iowa State University at Ames and the University of Iowa at Cedar Falls. UI students enrolled in this program may take up to one year of work at the other institutions; when completed, this work will be counted as UI residence credit.

Students not registered as Exchange Scholars may also take work at the other institutions and the credits will be accepted without question as transfer work.

[3] Approximately 160 home-study courses are offered by the Extension Division. Most are also available to armed forces personnel through USAFI. The courses are in the areas of classics, English, French, geography, history, Latin, mathematics, music, personal orientation, police administration, political science, psychology, quantitative analysis, religion, Spanish, speech, and sociology, and other subjects.

[4] A total of 32 hours may be taken by examination, plus any credit allowed by the department in the major. A very few CLA departments will allow 16 hours of proficiency credit in the major.

Therefore, itinerant students will have to complete most of the major requirements on campus. With the exception of the major, the credit by examination program is very flexible at UI.

[5] Nondegree students may take CLEP examinations, but the results will not be evaluated or entered on the student's record until the student is accepted in a degree program. Nondegree students should consult a College adviser before taking the CLEP exams to be sure that the credit will be accepted by CLA at a later date.

TABLE 4

University and College Graduation Requirements

For the options available for completing these requirements, see the Bulletin.

Total Hours

124 semester hours of credit is required for graduation.

Residency

A minimum of the final 30 consecutive semester hours, or 45 of the last 60 semester hours must be earned at Iowa.

Rhetoric, Physical Education, and Mathematics

Students must demonstrate proficiency in these areas by examination or one of the other options listed in the Bulletin.

Foreign Language

The student who is a candidate for the B.A. degree must achieve proficiency equivalent to that usually attained in four semesters of college study in one foreign language. Candidates for the B.S. degree must achieve proficiency equivalent to that usually attained after one year of college study of a foreign language.

Historical-Cultural, Natural Science, Social Science, and Literature Core Requirements

Students are to complete in each of the four areas one of the 8-semester-hour core courses offered in the area, except that students may, with the approval of the department, be excused from the core requirement in the area of the major. The student may also meet the requirement by earning 8 or more semester hours in approved departmental courses or by achieving a high enough score on a comprehensive examination in the core subject.

Area of Concentration

The student must satisfy those requirements set forth by the major department.

TABLE 4
(continued)

Maximum Hours in a Department

Not more than 50 semester hours may be earned for credit in one department of study and applied toward the B.A. or B.S. degree from CLA.

Maximum Student Load

The normal schedule for the semester is 16 hours. When special circumstances warrant, the student may wish to carry as many as 19 semester hours including all work offered for credit. If the maximum of 19 semester hours is exceeded without permission of the Advisory Office, the student will be required to earn one semester hour for graduation for each semester hour of excess credit in his program.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of degree?		x
3. Does correspondence work taken at your university count toward residency?[1]		x
4. Must the student be physically present on campus to earn residency credit?[2]		x
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements?[3] To whom does the student appeal?		
a. minimum number of credit hours[4]	x	
b. general education requirements[5]	x	
c. major requirements[6]	x	
d. basic skills requirements[7]	x	
e. minimum grade point average[8]	x	
f. residency requirement	x	

[1] If the student is enrolled as a degree candidate, correspondence is counted as part of the regular course load.

[2] Extension work counts as residence credit.

[3] The Director of CLA Advisement can handle requests for waivers.

or he can request that the Adjustment Committee take action on the case.

[4] One to three hours might be waived under extreme circumstances such as illness.

[5] In rare cases, one hour might be waived.

[6] Requests for exceptions would be processed by the department.

[7] The Physical Education requirement could be waived, but not the Rhetoric requirement.

[8] The grade point average requirement could be waived under exceptional circumstances, for example, for a student who had achieved a 1.900 (on a 4.000 scale) and 248 grade points (calculated on the basis of A=4, B=3, C=2, D=1, and multiplied by the number of hours of the course.)

The CLA second grade option allows a student to repeat a course and elect the second grade only to count in both the UI cumulative and the total cumulative grade point average (GPA). When this option is elected, both grades remain on the permanent record, but only the second one is used in calculating GPA and hours earned.

Students may not "regress" by repeating an elementary course after a more advanced-level course has been completed; they may not use the option to remove an Incomplete grade; they may not apply the option to transfer work; they may not take the work in a different manner than the first time (for example, if the course was taken the first time for a grade, it may not be taken the second time on pass-fail; if the course was taken in residence the first time, it may not be taken the second time by correspondence).

The option may be applied to a maximum of 16 semester hours. A special form must be filled out by the student in the CLA Office.

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	University Counseling Service Office of Career Counseling and Placement
veterans[1,3]	University Counseling Service Office of Career Counseling and Placement
cultural minorities[1,4]	University Counseling Service Office of Career Counseling and Placement
educationally disadvantaged[1,4]	University Counseling Service Office of Career Counseling and Placement
physically handicapped[1,3,4]	University Counseling Service Office of Career Counseling and Placement
other special groups: general students[1]	University Counseling Service Office of Career Counseling and Placement
married students[5]	University Counseling Service

[1] The University Counseling Service (UCS) maintains a file of pamphlets on careers, offers career counseling and assessment of interest and abilities of students, and administers vocational interest tests. Counselors work with students on study skills and design study improvement programs and means to assess skills. The Office of Career Counseling and Placement (OCCP) also has a library of materials, although its primary responsiblity is placement of graduating seniors.

UCS and OCCP have proposed a merger in the area of career counseling and the formation of a jointly-sponsored Career Development Program. This program would provide individual career counseling, vocational testing, and access to a combined career library as well as the institution of life-planning workshops, vocational exploration and placement groups, and other special programs. If the plan is approved, an excellent opportunity for more thorough career counseling will be available to UI students.

[2] One of the UCS counselors is working full-time on a cooperative program for the identification and counseling of women who wish to come to the University as students. Students who want to join the support groups for women returning to college mentioned in the introduction to this chapter should fill out application forms available in the Union Office of UCS. A staff member also offers personal-emotional counseling through the Women's Center (see Resource Centers).

[3] The Registrar's Office often refers veterans to UCS who are in need of educational, vocational, or personal counseling. UCS has a contract with the Veterans Administration for evaluation of the educational potential of veterans, including the physically handicapped.

[4] UCS provides counseling for Special Support Services (see Resource Centers) and for referrals from the State Bureau of Vocational Rehabilitation.

[5] UCS offers marriage counseling, and participates in a marriage counseling training program through the American Association of Marriage Counselors.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Blacks, Chicanos, other educationally deprived students[1]	Special Support Services
veterans[2]	-----
women[3]	Women's Center
physically handicapped	-----

[1] Special Support Services (SSS) is the UI minority program. In September 1971, 131 freshmen students were in the program, approximately 6% of the incoming class. The students generally presented good grades and high ranks in high school (a mean GPA of 2.64 on a 4-point system) but lower than average ACT scores (the mean composite score was 17.9).

The program provides financial and educational support for its students. There are no special or remedial courses offered, but tutoring and study sessions are provided as needed. Students are also directed to regular campus facilities such as the CLA Reading and Writing Laboratory, the Counseling Service, and the Placement Office. The program is not striving to be special or different, but to work with the resources available at UI.

In Fall 1972, SSS hoped to have a group evenly divided among Blacks, Chicanos, and white students; there were 79% Blacks, 12% Chicanos, and 7% whites enrolled in the program in Fall 1971. Only one American Indian student was registered in Fall 1971, although the program has tried to encourage Indians to apply.

[2] The Veterans Service Area of the Registrar's Office is responsible for assisting veterans in their relations with the Veterans Administration. There is a veterans student group on campus. For information, see the Student Activities Office.

[3] The Women's Center is a house serving as a meeting place for groups and individuals. Present projects include an abortion referral and counseling service, consciousness-raising groups, a free clothing exchange, a self-help legal clinic, a women's library, skills courses, and a system of day care volunteers. The Center is located at 3 East Market Street.

New credit courses in the area of Women's Studies are offered through the Saturday Class Program. These courses are open to female and male students of all ages and educational backgrounds.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid[1]				
state grants		x	Office of Student Financial Aid	
EOG	x			
military scholarships		x		
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services				
for spouse/dependents		x	Student Infirmary	
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance			Insurance Office	Students may purchase coverage in addition to the student infirmary coverage. Pregnancy and childbirth coverage is optional.
including pregnancy and childbirth	x			
for part-time students	x			
Participation in Activities/ Organizations			Dean of Students	See comment on participation in athletic programs.
equal for part-time students	x			
equal for women and men	x			
Housing			Housing Office	On campus office for residence halls and married housing. Protective Association for Tenants is an off-campus, student-run agency.
equal for part-time students				
Child care facilities[2]			Womens Center	Limited day care facilities are available.
Interlibrary loan			Library	
Recreational facilities			Director of Recreational Services	
Tutorial services[3]			CLA Advisory Office Departments Special Support Services	
Placement services			Counseling Services Office of Career Counseling and Placement	Also see the Educational Placement Office.

TABLE 8
(continued)

Special Services

Service	Office to Consult	Comments
Participation in athletic programs	Director of Athletics	Transfer students plus those carrying 12 hours or more may participate within the Big Ten rules. There is no age limitation.
Short-term leaves	Admissions	Students who leave the University in good standing may re-register at any time.
Other services		
Action Studies Program[4]	Dean of Students	Student-initiated courses

[1] Transfer students at Iowa are given the same consideration as all other applicants for financial aid. Transfer students who have been receiving Educational Opportunity Grants elsewhere are given first priority among entering students for Educational Opportunity Grants at Iowa. To qualify for scholarships, a transfer student must have at least a 3.0 (B) transfer grade average.

[2] The University-operated Hawkeye Day Care Center is open on Saturday mornings from 7:45 a.m. to 12:30 p.m. to accommodate children (ages six months to six years) of students in the Saturday Class Program. The facilities are available at no cost, but voluntary contributions are accepted to cover snacks and incidentals. For information, contact the Hawkeye Day Care Center, 421 Hawkeye Court.

[3] The Special Support Services tutorial program is conducted in cooperation with CLA departments who identify prospective tutors, usually graduate students.

[4] Courses which students would like to see taught are negotiated through the Action Studies Program. These classes are offered for credit if approved by the department and the College.

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
Bachelor of General Studies	B.G.S.	yes
European Literature and Thought	B.A.	yes
Child Behavior and Development	B.A.	yes
Religion	B.A.	yes

The Bachelor of General Studies degree provides maximum flexibility for CLA students. There are no basic skills, core, foreign language, or major requirements; however, there are residency (60 semester hours from the University of Iowa in courses numbered 100 and above), grade point average (C work overall and in 60 semester hours of upper-level work), total hour (124 semester hours with not more than 40 hours from any one department and not more than 30 hours from any other college of the University), and other requirements. The degree program provides non-specialized education planned by the student to suit particular objectives. Although assigned to a faculty adviser, the student bears the complete responsibility for choice of courses. An itinerant student might find it difficult to meet the requirements of the program since 60 semester hours of upper-level work must be completed at UI.

European Literature and Thought is an interdisciplinary program with offerings in history, philosophy, psychology, fine arts and other areas. Courses are conducted by round-table discussion and are taught by two or more professors in different disciplines. Readings for one interesting course, "The Pursuit of Happiness," included works by authors as disparate as Aristotle, Freud, Cellini, and Sartre.

Child Behavior and Development is an undergraduate major offered by the Institute of Child Behavior and Development which operates preschool laboratories, maintains workshops, and has facilities for testing and data analysis. The undergraduate major provides a broadly-based general education; it also prepares the student for later specialization on the graduate level in a chosen area of child development.

The School of Religion offers an undergraduate major designed to acquaint students with the nature, meaning, history, and literature of religion. Emphasis is placed on the religions of the Judaeo-Christian tradition, but coursework is available in the religions of India, China, and Japan.

UNIVERSITY OF MICHIGAN

INTRODUCTION

The prototypical student at the University of Michigan (UM) is eighteen, single, white, male, liberal to somewhat radicalized, and bright. He is degree-oriented, carrying a full-time program, and successful in his pursuit of a degree--at least his failures are not due to academic reasons. In Fall 1972, over 68% of the freshman class in the College of Literature, Science, and the Arts (LSA) were in the top 10% of their high school class, and 44% were in the top 5% of their class; the median SAT verbal and mathematics scores were 572 and 612.

The University is making some changes after "a bad case of the sixties" and a strike in March 1970 by the Black Action Movement. The Board of Regents has approved a goal of "ten per cent enrollment of black students and substantially increased numbers of other minority and disadvantaged groups" by the academic year 1973-74. The Opportunity Program for educationally and financially disadvantaged students was begun in 1964, the same year as the establishment of the Center for Continuing Education of Women (see Resource Centers). But the student body is still an uneasy balance of ghetto Black and middle-class white students living in integrated housing on a decentralized (special offices for special groups) campus.

And decentralized services are at times confusing--at least seven offices use the word "counseling" in their titles, and even more provide counseling services--at best personalized to meet the individual student's needs. Academic counselors in the LSA Office and the staff of the Counseling Services Office should be the student's first sources for information and advice.

Two ways of escaping the big school-high power environment are the Residential College and the Pilot Program (see Unique Programs). The first is a four-year degree-granting unit; the second is a one, possibly two, year program. In both, the student must be prepared to live, study, work, talk, and play with a small group of students.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

There are no special recruitment programs for the itinerant student. The Opportunity Program recruits minority and/or low-income students (see Resource Centers).

Special students who are admitted but are not pursuing a degree are called NCFD (Not Candidate for a Degree). Most NCFD students have been admitted into LSA to achieve a specific objective: to gain admission to graduate status, to complete degree requirements elsewhere, or to meet admission requirements to a professional school. Applicants for this status must meet all specific requirements for admission to LSA and be at least twenty-one years of age. Course selection is limited to curriculum-related and needed classes. An LSA adviser may limit the number of courses to be selected, and there are certain management (departmental) controls on the number of NCFD students admitted. Students who already hold a bachelor's degree are allowed to register as NCFD students in special cases and upon departmental recommendation. The UM Medical and Dental Schools also have NCFD spaces for deserving candidates. NCFD admission is generally granted for a maximum of two academic terms.

Students in good standing at other institutions may be admitted to "Summer Only" status to complete coursework for their home institution. A student subsequently admitted as a degree-seeking student may petition the LSA Administrative Board to count such credit as hours toward a degree.

There is a General Studies Program in LSA (see Unique Programs); the admissions requirements do not differ from those of other degree programs in LSA.

UM students must pursue a full-time program or must have the permission of the College for part-time studies. There are few part-time students, and many more apply than are admitted. There also is an admissions quota of 20% on out-of-state residents.

Exceptions to admissions requirements are made by the Director of Admissions. The exceptions are based on aspects in the student's record which make standard policy inappropriate; one example would be maturity. Appeals should be directed to the Admissions Office. Opportunity students have been admitted with verbal or mathematics SAT scores in the 400 or high 300 range (see Resource Centers).

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	Orientation Office Office of Admissions LSA Academic Advising Offices
students withdrawing from the university	LSA Administrative Board
students dropped for academic reasons	LSA Administrative Board
prospective freshmen	The Admissions Office
applicants for transfer	The Admissions Office
applicants for readmission	The Admissions Office (if in good standing) LSA Administrative Board (if stopped)

Advisers for LSA students are found in the Underclass Advising Office, the Junior-Senior Advising Office, and the Honors Council. The LSA Administrative Board is delegated authority by the faculty of the College to supervise academic advising, exercise academic discipline, and make exceptions to College policy.

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

3

Type of Transfer Work*	accepted yes	accepted no	maximum hours	comments
academic work at fully-accredited four-year college institutions	x		75	Additional work allowed from UM-Flint or Dearborn to maximum of 90 hours. Except for UM-Flint or Dearborn, no D grades.
academic work at provisionally-accredited, two- or four-year institutions	x		75, four year 62, two year	Individual cases examined in terms of institution and work elected. No D grades.
academic work at unaccredited institutions		x		Individual exceptions made by Admissions Office.
academic work at junior colleges	x		62	No D work is acceptable.
United States Armed Forces Institute (USAFI)[1]	x		30	
College-Level Examination Program (CLEP)[1]	x		30	Policy under review. Individual cases evaluated by LSA departments.
American College Test (ACT)		x		
Advanced Placement	x		no limit	
educational television	x		no limit	Must be part of an accredited academic program.
formal schooling in the military service	x		no limit	Only language programs.
occupational training in the military service		x		
military service		x		
correspondence work from own institution[1]	x		15	See footnote.
correspondence work from other institutions[1]	x		15	See footnote.
extension courses[1]	x		30	See footnote.
technical-vocational courses[2]		x		

TABLE 2
(continued)

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
pass-fail from other institutions	x			Pass must equal A,B, or C.
nontraditional methods (learning contracts, community service, etc.)[3]				No policy. Must be evaluated by LSA departments.

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the Admissions Office; appeals of decisions should be referred to the LSA Administrative Board.

[1] A student may transfer a total of 30 semester hours of work by extension, USAFI, CLEP, and correspondence; of this total, only 15 hours can be in correspondence courses (from UM or other accredited schools). Transfer, extension, correspondence, and CLEP work earn credit toward a degree, but not honor points. Acceptance of transfer work toward specific departmental or divisional requirements is dependent upon the specific course and the institution at which it was taken. The transfer student should consult a College adviser before electing UM work.

[2] Work in technical courses from nursing and pharmacy schools may be acceptable to the LSA Administrative Board. In such cases, the maximum hours applicable toward graduation are 12 for the B.A. or B.S. and 20 for the B.G.S. degrees.

[3] Study Abroad credit from academic institutions with organized programs may be acceptable upon evaluation by the Admissions Office and appropriate LSA departments. Appeals of decisions should be directed to the LSA Administrative Board.

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted yes	accepted no	maximum hours	comments
Coursework:				
after 5 p.m.[1]	x		no limit	Relatively few offerings.
weekends	x		no limit	Very few offerings.
campus linkages[2]	x		variable	Washtenaw Community College; north-south exchange.
workshops		x		
fieldwork[3]	x		variable	Study Abroad approval required in advance of registration.
summer sessions for degree and nondegree students[4]	x		no limit	
correspondence[5]	x		15	See footnote 1, Table 2.
extension[6]	x		30	See footnote 1, Table 2.
community centers	x			Extension work.
military bases		x		
veterans hospitals		x		
educational television (campus station)		x		
remedial courses[7]	x			Permission of adviser required.
Examinations[8]				
English composition		x		
mathematics		x		
foreign languages		x		
general education requirements		x		
major requirements		x		

CLEP - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] The Center for Continuing Education of Women (see Resource Centers) offers a program of evening credit courses. Students who register for these courses must be admitted to the University. More than half the courses required for an undergraduate degree are offered in this manner over a three-year period.

[2] A dual enrollment program with UM is available for Washtenaw Community College (WCC) students through the Opportunity Program. Students at WCC must have successfully completed 25 semester hours; they then may register for two courses at UM and the remainder in the General Curriculum at WCC. They may remain in the program for two terms. These students receive all the services of the Opportunity Program (see Resource Centers).

UM students may apply for the Tuskegee-Michigan student exchange program. Students attend Tuskegee during the first or second semester of the academic year. Academic work taken during the exchange program is UM residence credit; grades and credit hours earned at Tuskegee are recorded, but not honor points. Students pay academic fees at UM and housing fees to Tuskegee.

[3] LSA participates in a number of Study Abroad programs: a joint program with the University of Wisconsin at the University of Aix-Marseille, a program with the University of Wisconsin, Wayne State University, and Michigan State University at the University of Freiberg, a program with Sarah Lawrence College in one of four European locations, and a program with 38 other schools in Rome. A CIC program is available at the Ibero-American University in Mexico, and a teacher certification program at Sheffield, Keele, or Edinburgh is in operation for students who wish to elect education

courses abroad. The Center for Afro-American Studies has programs for students at all levels in selected universities in Africa and the Caribbean. Participation in any of these programs is limited to students in good health who can demonstrate the relevance of study abroad to their academic programs, who have at least a B average, and who have demonstrated their competence in the language of instruction. Credits and grades earned are entered on University transcripts and count as residence credits. Many other programs for study in Europe are possible for LSA students.

[4] A student in good standing at any university may attend UM during Summer Session on "Summer Only" status. UM students wishing to attend a summer session at another school must discuss their proposed program with an LSA counselor and receive permission for the program if they expect to receive credit toward graduation. Foreign language credit toward distribution requirements may not be earned out of UM residence without specific approval of the department. Students are further discouraged from electing natural science courses with labs out of residence. If they plan to elect organic chemistry off-campus, they should confer with the Chemistry Department.

For students in regular attendance at UM, a special "Summer Independent Study" program is offered during the Summer Term (May - August). The program allows students not enrolled in a formal academic program during summer to elect a maximum of eight hours of residence credit in regularly offered LSA courses which can be completed by reading and/or research alone. The students allowed to participate in this program must present evidence of strong motivation and solid academic performance. They are also responsible for the selection of a faculty member willing to act as the supervisor of their work. Work in the program must be completed no later than one month after the beginning of Fall Term.

[5] Approximately 50 courses are offered in English, environmental ecology, French, German, geography, history, humanities, mathematics, political science, and psychology, among other subjects. No formal USAFI program is available.

[5,6]Students wishing to elect correspondence or extension courses while in residence must obtain permission in advance from the LSA Administrative Board. Both correspondence and extension courses earn hours of credit but not honor points toward the graduation average. Therefore, students who need more hours of credit might wish to elect UM correspondence courses during the summer recess.

[6]The Extension Service offers correspondence courses to UM students in residence (upon approval of the LSA Administrative Board), not in residence during the summer session, college graduates, talented high school students, and interested adults in many professions and at home. Veterans who qualify for educational assistance under the Veterans Readjustment Benefit Act of 1966 should consult the nearest VA office for assistance and approval. Persons sixty-five years and older may enroll at a special reduced fee of 50% of the announced fee, exclusive of any special charges.

Undergraduate credit is available in anthropology, English, history, political science, psychology, sociology, speech, and other disciplines in the arts, humanities, and social sciences.

[7]Mathematics 105 and certain lower-level foreign language courses

may be taken for credit by students in need of such courses with the permission of the LSA Administrative Board and the department. Need is based on placement examinations given during freshman orientation. CULS English 123 and CULS Mathematics 105 and 115 are sections of credit courses geared toward the Black or Chicano student.

[8] Proficiency examinations for degree credit are the exception rather than the rule at UM. They are available on an individual basis from individual departments in unusual cases. Advanced Placement examinations or CLEP tests might serve as proficiency examinations for the areas of skills or distribution requirements. For information, see the LSA Office or the department.

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

For the options available to complete the following requirements, consult the Bulletin.

Bachelor of Arts: To be recommended for this degree, a student must have satisfied the distribution and concentration requirements, have completed at least 120 semester hours (124 hours with Teaching Certificate) with an over-all average of C or better both in the field of concentration and the total program, and have completed at least 80 hours outside the major department. The student selects a field of concentration in the junior year.

Bachelor of Science: A student who, in meeting the requirements stated above for the Bachelor of Arts degree, earns 60 or more hours in mathematics and the physical/natural sciences may request to be granted the degree Bachelor of Science. The student selects a field of concentration in the junior year.

Distribution Requirements

1. English Composition: one term

2. Foreign Language: fourth-semester proficiency in one language

3. Natural Science: three courses (two courses in one department and a third course in another department). At least one of the courses must be a laboratory course.

4. Social Science: three courses (two courses in one department and a third course in another department).

5. Humanities: three courses (two courses in one department and a third course in another department).

Concentration Requirements

The specific content of a student's program is subject to the approval of the adviser. General regulations are as follows.

1. A departmental program consists of a minimum of 30 hours, at least 6 of which must be in cognate courses approved by the faculty adviser.

2. No more than 40 hours in any one department may be counted in the total 120 hours for graduation. This limit is extended to 44 hours in foreign languages where the student must take the introductory

TABLE 4
(continued)

course in the department, and 48 hours for students pursuing a B.S. in Chemistry.

3. Only intermediate and advanced courses apply toward a concentration program.

4. Courses may not satisfy both distribution and concentration requirements.

5. Courses taken as prerequisities to concentration courses may not be counted in the 30 hours of a concentration program. They are, however, included in the maximum of 40 hours in one department. They also may be counted as distribution courses.

6. A student must earn an overall C average or better in the field of concentration.

7. A student may not count pass-fail courses toward the concentration program.

Double Concentration Program

A double concentration program is available for students who meet all concentration requirements for both fields and the additional variations described in the Bulletin.

Residency

A maximum of 75 hours of advanced standing (transfer) credit earned at four-year institutions other than the schools and colleges of UM Ann Arbor, Flint, or Dearborn may count toward graduation. (Up to 90 hours of "cross-campus" credit applicable to an LSA degree may be transferred into LSA from these three sources).

A maximum of 62 hours may be transferred from accredited junior colleges, but no junior college work may be counted for LSA credit once a student has completed a total of 62 hours toward the LSA degree.

Senior Residence: Students must complete their last 30 hours in residence. Students who have earned 30 hours or more credit in the College prior to the senior year may elect out of residence 6 hours of the last 30 required for graduation.

For purposes of determining senior residence, residence credit is defined as being work elected in Ann Arbor on an LSA election card. All other work--all correspondence study (including UM correspondence work), all extension study (including those offered by UM), and all study completed while enrolled in another institution (including schools, colleges, and branches of UM)-- is considered to be out of residence.

Exceptions: There are exceptions to the residency requirement which are generally for approved study abroad. Consult the Bulletin for a detailed discussion.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirement be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree? If so, what is the limit? Equivalent of eight Fall or Winter Terms.	x	
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[1]		x
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?[2]		
a. minimum number of credit hours		x
b. general education requirements[3]		x
c. major requirements[4]	x	
d. basic skills requirements[3]	x	
e. minimum grade point average[5]		x
f. residency requirement[2]	x	

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[1] Junior Year Abroad programs and fieldwork are possible exceptions.

[2] The LSA Administrative Board administers academic disciplinary

action and acts upon requests for waivers or modifications of College rules. Students petition the Board through their College counselors who must approve the petition before it is submitted.

[3] Individual exceptions are granted by the LSA Administrative Board.

[4] Concentration choices are negotiated with the concentration adviser.

[5] A grade of D or E cannot be removed from the record by successful repetition of the course in which it was originally earned. Both the original grade and the repeat grade are counted in the grade point average. Repetition of a D course results in the posting of both grades but credit toward graduation for only one course. A 2.00 (C) average is required for graduation.

SECTION V - STUDENT SERVICES

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	Center for Continuing Education of Women The Counseling Center Career Planning and Placement Office LSA Counseling Office Counseling Laboratory Mental Health Clinic LSA Academic Counselors
veterans[1,3]	Center for the Education of Returning Veterans (CERV) The Counseling Center Career Planning and Placement Office LSA Counseling Office Counseling Laboratory Mental Health Clinic LSA Academic Counselors
cultural minorities[1,3]	Opportunity Program Coalition for the Use of Learning Skills The Counseling Center Career Planning and Placement Office LSA Counseling Office Counseling Laboratory Mental Health Clinic LSA Academic Counselors
educationally disadvantaged[1,3]	Opportunity Program Coalition for the Use of Learning Skills The Counseling Center Career Planning and Placement Office LSA Counseling Office Counseling Laboratory Mental Health Clinic LSA Academic Counselors
physically handicapped[1,3]	Coordinator for Handicapped Students The Counseling Center Career Planning and Placement Office LSA Counseling Office Counseling Laboratory Mental Health Clinic LSA Academic Counselors

[1] Students seeking career counseling have at least seven options. The Counseling Center, 1007 East Huron, provides assistance in facing problems of choice of major and career. Vocational and aptitude tests are administered if appropriate. Students are encouraged to appraise their abilities and to examine critically the demands and satisfactions to be found in various occupations.

Counselors in the Career Planning and Placement Office offer advice on choice of major, planning a career, selecting a graduate program. A collection of college catalogs, pamphlets on vocations and other books, and directories with occupational material is available All students, including incoming and withdrawing students, are welcome. Special counselors are available for Blacks, women, foreign, and handicapped students.

The LSA Counseling Office provides counseling by and for students in the area of course and curriculum selection. Also located within this Office are the Association for Course Evaluation, a course and professor evaluation service, and the Course Mart (see Student Services).

Advanced graduate students are counselors in the Counseling Laboratory of the School of Education. Vocational counseling and tests are administered and interpreted in this office whose services are available to University students and community youth.

Vocational and aptitude testing, in addition to emotional and psychological counseling, is available in the Mental Health Clinic, University of Michigan Health Service, 207 Fletcher.

Two good sources for material and discussion of vocational problems are the LSA Academic Counselors and the staff of the Center for Continuing Education of Women.

[2] The Center for Continuing Education of Women (CCEW; see Resource Centers) maintains a library of catalogs of colleges in the surrounding area, pamphlets on women and careers, LSA departmental materials, and magazine articles and doctoral dissertations on women; there is also a small section of loan books of interest to women. CCEW counselors advise women in the community and prospective regular students in the area of educational and vocational opportunities.

[3] CERV, the Coalition for the Use of Learning Skills, the Opportunity Program, and the Office of the Coordinator for Handicapped Students (see Resource Centers) also provide educational counseling.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups:	
Black, Chicano, American Indian, low-income white[1,2,3]	Opportunity Program Reading Improvement Services Coalition for the Use of Learning Skills (CULS)
veterans[4]	-----
women[5]	The Center for Continuing Education of Women
physically handicapped[6]	Coordinator for Handicapped Student
other groups:	
educationally disadvantaged[2]	Reading Improvement Services CULS

[1] The Opportunity Program recruits, admits, and provides financial and supportive services for members of minority or low-income groups. Not all Opportunity students are from minority groups, and not all members of minority groups are in the Program. At present, approximately 60% of the Black students at UM are in the Program. Approximately 85% of the Opportunity students are Black, 8% are low-income white, 6% are Chicano and less than 1% are American Indian.

Opportunity students are predominantly eighteen- or nineteen-year-old in-state residents, but transfer, veteran, and older students are eligible for admission if they meet the requirements of good high school records (the mean grade point average from high school is a 2.7 on a 4.00 scale) and academic potential (the mean SAT verbal and mathematics scores are 450 and 480).

Financial assistance packages are worked out with students by the Office of Financial Aid. Academic counselors are located in the Office of Special Academic Projects as well as the regular LSA counseling offices. Other student services, including tutorial assistance and special course sections, are offered through the Coalition for the Use of Learning Skills (see Footnote 3).

Opportunity and other students in need of educational assistance have access to two other resource centers, Reading Improvement Services (RIS) and the Coalition for the Use of Learning Skills (CULS).

[2] RIS offers non-credit six-week courses; three weeks are devoted to the basic skills of rapid reading and three to several alternate areas including study habits, taking examinations, writing skills, and speed reading. Two series of courses are given each semester, serving a total of approximately 1200 students per year. In urgent cases, special or individualized instruction is available in addition to the course for about 80 students per year. RIS services are available to all UM students at 1610 Washtenaw Street. There is a one-time $6.00 fee for any of the services.

[3] CULS options include: academic counseling by trained Black and Chicano graduate and upperclass undergraduate students; referral to supplementary counseling services within the UM system; study groups for students in traditionally critical and troublesome basic courses; other study groups in general areas such as the biological

sciences; specific sections of regular University courses, for example CULS English 123; a Writer's Clinic which aids in the development of writing skills; short courses and individual sessions in the area of reading skills; and tutorial assistance. Students who elect a course study group may receive one semester hour credit by registration in CULS Study Groups, College Course 340. A maximum of five hours credit in the course will count toward graduation.

The CULS Premedical Sequence is a program intended to provide counseling and supportive services for students planning to apply to medical school after completing their undergraduate work. A CULS counselor serves as an adviser for the first two years at UM; the adviser for an upperclass student is a Black faculty member of the Medical School who provides information on application to various medical schools and advice on course selection in the junior and senior years. Activities in the Sequence include presentations on Black health and medical professions, tours, seminars, and learning skills workshops. The Coordinating Committee of the Sequence attempts to persuade medical facilities to establish volunteer and paying jobs for some of the Sequence participants. The Committee, which includes, among others, faculty members of the Medical School and health-related departments, is also a potential source of letters of recommendation for applications to medical schools.

[4] UM veterans have no resource center on campus, but are referred to CERV, the Center for the Education of Returning Veterans, an out-reach action project for veterans at several institutions in the metropolitan Detroit area including UM-Ann Arbor and Dearborn.

CERV provides counseling services to help veterans make career and academic choices, employs student veterans to contact and encourage the returning veteran to explore all available educational opportunities, and works with schools to develop strong institutional support programs to help veterans achieve their goals. CERV is located in the Veterans Memorial Building, 151 W. Jefferson Avenue, Detroit, Michigan 48226.

[5] The Center for Continuing Education of Women (CCEW) is a nationally recognized resource and guidance program with two basic goals: to work with women in any way possible to help their return to an educational program and to try to encourage UM to change its procedures for the benefit of women. It was established in 1964 as a commitment on the part of the University to offer expanded educational opportunities for women.

CCEW provides individual counseling, information about registration and help with scheduling a part-time program, information on child care and financial assistance, opportunities for merit awards and emergency grants, options of evening credit courses, and conferences and published materials on subjects of interest to women. Women are also advised on academic opportunities at other universities.

Official UM policy welcomes qualified women students in part-time programs, but CCEW recognizes the many pressures against part-time status and tries to urge the faculty and administration to consider part-time women as mainstream students. CCEW works with the Financial Aids Office to provide packages for part-time students, and attempts to provide special sections and class times for its students. It has made arrangements with the Admissions Office to change its policy so that returning women need not take the SAT for admission purposes if they apply through CCEW. It also encourages Admissions to view motivation and maturity as important in consideration of applicants, and advises students that credits accumulated in earlier periods of their college career will be honored if they were UM credits. Women and men are welcome at the Center.

[6] Certain student services for the physically handicapped are available through the regular UM offices in the areas of health services, psychological and vocational counseling, and housing. The Office of the Coordinator for Handicapped Students is located in 3011 Student Activities Building.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid			Office of Financial Aid	The UM policies on financial aid for part-time students are under review.
state grants	x			
EOG	x			
military scholarships	x			
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program	x			
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services			UM Health Service	Free services except for small fees in the specialty clinics, for laboratory and x-ray services, and for the emergency clinic. Services for spouse and dependents are available on a fee basis. The Mental Health Clinic provides treatment of flexible duration and extent; referrals to community agencies and private practitioners are made when necessary.
for spouse/ dependents	x			
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance			Room 3X, Michigan Union	SGC Health Insurance is not mandatory. It must be paid for by students.
including pregnancy and childbirth	x			
for part-time students	x			
Participation in Activities/ Organizations			Office of Student Services University Activities Center	
equal for part-time	x			
equal for women and men	x			
Housing[1]			Office of University Housing	Information on University owned and off-campus housing is available.
equal for part-time		x		
Child Care facilities			Center for Continuing Education of Women	CCEW has information on Community Centers.
Interlibrary loan			University Library	
Recreational facilities			Michigan Union	
Tutorial services[2]			LSA Academic Advisers Opportunity Program, CULS, RIS	Students may also make individual arrangements for tutoring. Ask the teacher or an LSA counselor.
Placement Services			Career Planning and Placement	
Participation in athletic programs			Intercollegiate Athletics Board; Intramural Sports Building	Intercollegiate teams are governed by Big Ten Rules. Intramural sports for all students.

TABLE 8
(continued)

Special Services

Services	Office to Consult	Comments
Short-term leaves	Office of Admissions	No formal leave of absence. Students may drop out and return if eligible academically.
Other services		
The Counseling Services[3]	Michigan Union Third floor	Counseling, referral, information.
Special Interest Advocates	Office of Special Services and Programs Michigan Union	Help on projects or with problems; for student government, women, and Blacks.
Dial 76 - Guide[4]	Michigan Union Lobby	24-hour information and referral services.
Minority Counseling Information[5]	Michigan Union Lobby	24-hour information and referral services.
LSA Course Mart[6]	1018 Angell Hall	Student-initiated courses.

[1] Undergraduate students must carry 8 semester hours two out of three terms to live in campus housing.

[2] The Van Duren Fund provides funds for paying tutors for LSA students. For information, consult an LSA counselor.

[3] The staff of Counseling Services consists of friendly, informative, available social workers, psychologists, and specialists in higher education. The services offered to students consist of walk-in counseling, consultation and referral, and educational programs on drugs and other issues. Counseling Services is a clearing house for information on UM and the community, and coordinates all counseling programs within the Office of Student Services.

[4] Counseling Services offers a 24-hour telephone service, dial 76-GUIDE, staffed by student counselors who provide information on campus and community resources and events, referral to campus and community agencies, and a friendly listener to any problems. Professional counselors are on call at any time through this service. During weekdays, GUIDE counselors are on duty at an information center in the lobby of the Michigan Union. In the event of a campus emergency, 76-GUIDE also serves as a center for information and rumor control.

[5] Minority student counselors are available through Minority Counseling Information (MCI). They are on duty daily at the MCI desk in the lobby of the Michigan Union, and can be reached 24 hours a day by telephone (764-8131).

[6] The LSA Couse Mart is an academic "stock exchange" in which students submit suggestions for courses they wish to be taught

and faculty members submit proposals for courses they wish to teach. When interests are matched, the course is jointly planned by instructor and student. Any LSA department may, if it wishes, offer departmental credit for the course. An open series of numbers under the heading, "College Course," is available for the offerings of the Course Mart. College Courses may not be applied to LSA distribution or major concentration requirements, but they may be taken as elective credits. A student may not take more than 15 credits of College Courses and Pilot Project courses (see Unique Programs) toward graduation requirements. All Course Mart courses are offered on a pass-fail basis, and no more than two pass-fail courses may be taken per term.

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted into Program
Bachelor in General Studies	B.G.S.	Yes
Liberal Studies	A.B.	Yes
Individual Concentration	A.B. or B.S.	Yes
Residential College	A.B. or B.S.	No
Pilot Program	None	No
Inteflex	A.B./M.D.	No

Students enrolled in the LSA Bachelor in General Studies degree program do not need to fulfill distribution or concentration requirements. They must, however, complete 120 hours with an overall average of C or above; of this 120 hours, 60 must be in courses numbered 300 or higher, and these hours must also be completed with a C average or above. Not more than 20 hours earned in one department may be credited toward the 60-hour requirement, and not more than 40 hours in a single department within the 120 hours for graduation. Election of courses after the freshman year requires no counselor's approval. Students take the ultimate responsibility for planning programs which satisfy their aspirations and the degree requirements in the equivalent of four calendar years.

The Liberal Studies program provides a broad, interdisciplinary foundation rather than a specialized major. Because the program has carefully structured required courses and sequences in the freshman-sophomore years, it must be begun in the freshman year. In the junior-senior years the student selects courses to fill Liberal Studies distribution area requirements using as a unifying element a specific underlying theme, idea, or principle. A faculty member chosen by the student aids in the selection of courses and the submission of a proposal to the Committee on Interdisciplinary Studies which must approve the program of study. The specific distribution areas are listed in the UM Bulletin. Transfer students are admitted into the program if they can meet the degree requirements.

Students who have academic interests which do not fall into existing departmental, interdepartmental, area, or special concentration programs may request permission to follow a program of Individual Concentration. A proposal must be submitted for approval to the Committee on Interdisciplinary Studies; it must define adequately and coherently the unifying element in the intended program and offer an academic plan. Students following Individual Concentrations must have their program of study and course elections approved by counselors chosen by the students from departments designated by the Committee on Interdisciplinary Studies.

The Residential College is officially an administrative degree-granting unit within LSA. Philosophically, it is a way of life--a belief in new and better ways of education and communication, a commitment to community learning, residence, and governance. In a sense, the major requirement of the College is devotion to discussion of ideas, community living, and energetic exploration of a variety of disciplines.

Graduation requirements include a freshman seminar, an arts practicum, foreign language and distribution requirements, and a concentration program chosen from regular LSA majors, six Residential College programs (Drama, History of Ideas, Literature, Creative Writing and Literature, Psychology, and Urban Studies), or an Individualized Concentration in the Residential College. Independent study up to a limit of 32 semester hours is encouraged. Off-campus study and UM Junior Year Abroad programs may be elected.

Transfer students are not admitted to the College because residence, mandatory for at least the freshman and sophomore years, is an integral part of the program. Students are selected in order to create a cross-section of the LSA student body according to SAT scores and residence (75% in-state). Admission by sex is equal, and the College is allowed to over-select on minority students and students with interesting backgrounds. Older, veteran, and/or married students would be admitted to the Residential College if they were willing to participate in the residence program, if they were not transfers, and if they were selected under the admissions system. The College is located in East Quadrangle.

Like the Residential College, the Pilot Program is a coeducational residential program; however, it is not a degree program. About 75% of the students are freshmen; the rest are sophomores who have returned for a second year. The students live in Alice Crocker Lloyd Hall, and take departmentally-approved elective courses there taught by an accredited staff of graduate students and qualified undergraduate students. In addition to elective courses, students pursue regular coursework in LSA, frequently choosing "Pilot sections" of the courses.

The Program is a free-flowing learning and living experience which helps to bridge the gap between the individual student and the "multiversity." In addition to taking classes with students with whom they live, Pilot Program students receive counseling from resident fellows and attend lecture and discussion groups sponsored by the Program.

Students are selected at random other than on the basis of residence (75% in state, if possible). There are no restrictions on which courses a student elects other than an obligation to choose Pilot sections of the LSA courses where possible; in the 1971-1972 year, there were 76 Pilot sections of 38 LSA courses. No student takes more than 4 credit hours of work per semester in elective Pilot courses taught at Alice Crocker Lloyd Hall or more than two Pilot courses per semester regardless of the number of credit hours. The Pilot courses are intended as supplementary, and hopefully more stimulating, richer, and interesting fare than typical freshman courses. Transfer students are not eligible for the Pilot Program. Veterans and married students may be admitted if they are willing to live in the dormitory.

The Integrated Premedical-Medical Program (Inteflex), a new six-year A.B.-M.D. program, began at UM in Fall 1972. The 50 freshmen who were admitted into the program were chosen on the basis of high SAT scores (over 1200 on the combined score), good high school rank (upper 5% of the high school graduating class) and grade point average (above 3.5 average on a 4.00 point scale), and personal interview. Of the 50 admitted, 20 were females, 10 were non-residents of the state of Michigan, and 2 were representatives of minority groups.

The design elements of the program include integration of coursework in LSA and the Medical School, elimination of redundant course content, flexible planning including elective time and individually designed programs, removal of the competitive process surrounding admission to medical school, increased emphasis on the societal aspects of medical practice, and reinforcement of goals through various extracurricular devices such as research opportunities and close faculty contacts. For further information consult the UM Medical School.

MICHIGAN STATE UNIVERSITY

INTRODUCTION

As number two in the state of Michigan, Michigan State University (MSU) tries harder. It has worked long and diligently to overcome its traditional image as primarily an agriculture college, as a predominantly white institution, and as a collection of only moderately qualified students studying in a cow-college atmosphere.

And it has largely succeeded. MSU enjoys an atmosphere of experimentation and innovation; the student body is well-qualified; faculty and administration bear comparision with any in the Big Ten; and minority enrollment has increased markedly.

In Fall 1967 there were approximately 690 Black students enrolled at the University; in Fall 1970 there were 1,954 Blacks, 10 American Indians, and about 60 Spanish-Americans; in Fall 1971 there were 2,509 Blacks, 41 American Indians, and 237 Spanish-Americans. Minority population, including 237 Oriental-Americans, now totals 3,024 or roughly 7.2% of the University's population of 41,649 students, and the MSU Commission on Admissions and Student Body Composition (CASBC) has recommended in its 1971 report that recruitment and admission of educationally and economically disadvantaged and minority students be continued and encouraged. Disadvantaged students are being admitted and served through the Developmental Program established in 1968 and the Center for Supportive Services and Counseling (see Resource Centers).

CASBC has also recommended that attention be given to the admission, advisement, and counseling of older students and that evening course offerings be examined for improvement or expansion. The President of MSU has expressed his interest in the area of life-long learning and has created a task force charged, among other duties, with designing a sound program of life-long education to serve the "expanding group of educationally neglected." To lower the barriers facing adults seeking education, the task force is examining present and considering future on-campus opportunities and is also considering the possibility of an external degree. The University's interest in this area is not surprising, given the fact that the first Continuing Education Center in the country was established at MSU.

MSU was founded as the Agricultural College of the State of Michigan in 1855. It became the pioneer land-grant institution in 1863. In 1888, the Agricultural Experiment Station was organized, and until World War II, organized research on campus was almost exclusively identified with this program. The Station still receives funds for its 400 projects in 27 MSU departments, but other research projects are being supported. The development of educational materials, the discovery that platinum drugs halt cell division and eradicate some kinds of cancer, the development of high-speed techniques to detect pollutants are among the research results. And in terms of "agricultural" research, MSU scientists were among the first to cite the bad affects of pesticide contamination.

MSU now consists of 17 colleges including a College of

Human Medicine and a College of Osteopathic Medicine, and the Colleges of Human Ecology, Arts and Letters, Natural Science, and Social Science. The three small residential colleges are James Madison, Justin Morrill, and Lyman Briggs (see Unique Programs). A new College of Urban Development is now being established.

One result of MSU's former position as a very small agricultural college has been the ease with which a number of interdisciplinary linkages have been formed. The Provost's Office has encouraged cross-departmental and cross-college linkages and has worked directly with chairmen and deans to help speed negotiations.

As in the area of research, MSU's service to the community was initially agricultural. But in 1970, the Center for Urban Affairs (now the College of Urban Development) established an Urban Extension Center serving the needs of the surrounding area in terms of health and education, summer programs for inner-city youth, and recruitment of talented but educationally disadvantaged young artists for college degree programs.

A two-year evening program operated in Detroit by the Graduate School of Business Administration graduates 40 to 50 M.B.A. candidates yearly. Overseas, the University has been engaged in research and educational assistance programs in 26 countries; the headquarters of the Midwest Universities Consortium for International Activities (MUCIA) is at MSU.

In recent years, MSU has enrolled more National Merit Scholars than any other university in the country. Its graduating students rank second and third respectively in the number of Woodrow Wilson Foundation awards and National Science Foundation fellowships won annually. A 1972 graduate, Alan VerPlanck, won a Rhodes Scholarship. The median SAT verbal and mathematics scores for the freshman class of 1971 were 515 and 556.

MSU has risen to the needs of its undergraduates in many different ways. An Honors College, the residential colleges, and several living-learning residential units have been established. The Office of Volunteer Programs, created in 1967 and presently a model for student programs throughout the country, coordinates the work of 1,000 student-volunteers in area schools and social service agencies; MSU supplies a fleet of vehicles for the transportation of students from campus to their volunteer assignments. The MSU Office of Student Ombudsman was one of the first in the country. The Educational Development Program and the Instructional Development Service were established in 1963. Both units work with faculty members in improving the opportunities provided for students, and in one year (1970-1971), the Educational Development Program supported 25 instructional projects ranging alphabetically from accounting to zoology. The Center for Environmental Concern sponsors courses in existing departments oriented to the environment. One course, "Man, the Endangered Species," was developed at the suggestion of a group of students. CASBC has agreed with the view taken in 1967 by the MSU Committee on Undergraduate Education: good teaching must be rewarded.

Centers, committees, commissions, studies are generally viewed with suspicion by university students (and in many cases they are rightfully wary). What these groups and studies at MSU reveal, however, is the University's willingness to look at itself with a critical eye--to assess and reassess its achievements, its failures, and its goals--and to act upon its self-evaluation.

A good deal of the credit for recent improvements belongs to MSU's young (46), bright (Harvard University undergraduate at the age of sixteen, two M.A.'s in international studies and economics from Johns Hopkins and the University of Chicago, a Ph.D. in economics from the University of Chicago), cosmopolitan (research in Malaysia, Vietnam, Thailand, Cambodia, Latin America) President Clifton R. Wharton, Jr., who also happens to be the first Black to become president of a large, predominantly white institution. One of the founders, at Harvard, of the National Students Association, President Wharton is vitally concerned with what he calls the "decline of legitimacy of the university." What he has proposed is a "pluralistic university," one which will provide access to higher education for culturally disadvantaged and advantaged, adolescent and older students, which will participate with other segments of society in the changing of society and the resolution of its problems, and which will reestablish "a genuine concern for human values."

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

Two recruiters in the Office of Admissions are part of the Developmental Program (see Resource Centers). Veterans and members of minorities are encouraged to apply for admission. The Admissions Office is writing to all juniors in Michigan high schools who are American Indians, encouraging them to apply.

Students are admitted who are not pursuing a degree or who are attempting to earn a second bachelor's degree. There are no limitations other than course prerequisites as to course selection or number of courses, and there is no admissions quota on such students. There is no General Studies Program.

Students do not need to pursue a full-time program, and there is no admission quota on part-time students. The quota on out-of-state students is 20% of the enrollment.

Exceptions to admissions requirements have been made for Developmental Program students (low high school averages and/or SAT score totals below 800), adults over twenty-five years of age, and veterans. Some veterans are among those recruited for the Developmental Program. Students in the Program are not "conditional admissions," but they are required to register for no more than 12 quarter hours of work in their first term, and of these 12 credits, two must be in Psychology 107, and one in American Thought and Language 117.

MSU admits freshmen and sophomores to the University--to University College or one of the three residential colleges (see Unique Programs) rather than to a college such as Arts and Letters (CAL), Natural Science (CNS), or Social Science (CSS). Students in University College declare a major preference or declare no preference. The no-pref student is essentially a student-at-large.

After the student completes 85 credits of academic work, a major must be declared, and the student must be accepted by the academic department in which the major is housed. This rule applies to native and itinerant students. Students in University College are accepted for upper-division work in a degree-granting college if they have 1) earned a minimum of 85 credits; 2) met the minimum academic progress scale, a computation of credit hours upon which eligibility to continue at the University rests; 3) achieved the required grade point average in courses designated by their chosen college; 4) demonstrated aptitude in the chosen degree area; and 5) been accepted for admission by a selection committee in the department, college, or school.

The student who is unable to make a choice or who has taken a pattern of courses or earned grades in critical courses unacceptable to the department receives individual counseling. Enrollment in professional schools within CSS (Criminal Justice, Social Work, Urban Planning, Labor and Industrial Relations, and Landscape Architecture) is restricted; students are chosen on the basis of grade point average and personal interviews.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	University College (freshmen and sophomores) College Office (students accepted into the College) Admissions Office - general questions Honors College - for Honors students
students withdrawing from the university	University College (freshmen and sophomores) College Office (students accepted into the College) Counseling Center
students dropped for academic reasons	University College (freshmen and sophomores) College Office (students accepted into the College) Counseling Center
prospective freshmen	Admissions Office Honors College - for Honors students
applicants for transfer	Admissions Office University College (freshmen and sophomores) College Office (students accepted into the College) College departments
applicants for readmission	College Office

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted yes	accepted no	maximum hours	comments
academic work at full-accredited, four-year college institutions	x		135	
academic work at provisionally-accredited two- or four-year institutions	x		90 for two-year colleges; 135 for four-year colleges	Validated after 40 MSU credits.
academic work at unaccredited institutions		x		
academic work at junior colleges	x		90 No	No technical courses.
United States Armed Forces Institute (USAFI)[1]	x		no limit	
College-Level Examination Program (CLEP)[2]	x		no limit	Validated by the Admissions Office or the MSU department.
American College Test (ACT)		x		
Advanced Placement	x		no limit	
educational television	x		no limit	From accredited institutions and on a transcript.
formal schooling in the military service	x		no limit	Guidelines of the American Council on Education are followed.
occupational training in the military service		x		
military service		x		
correspondence work from own institution		x		None offered.
correspondence work from other institutions	x		45	From accredited institutions.
extension courses	x		no limit	

TABLE 2
(continued)

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
technical-vocational courses[3]	x		12-24	From nursing (B.S.) or pharmacy programs.
pass-fail from other institutions[4]	x		no limit	
nontraditional methods (learning contracts, community service, etc.)				No policy.

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

[1] Language courses taken through USAFI count for credit and may be used to waive the foreign language requirements of certain colleges. Structured programs may not allow for many USAFI courses to count toward the major.

[2] MSU Admissions grants credit to students who have taken CLEP examinations elsewhere, and departments evaluate the credit toward major programs. Wayne State University is the only institution in Michigan currently administering the CLEP, but the MSU Counseling Center Testing Service plans to begin this service for students in Fall 1973.

[3] The limits on technical credits are: CAL--12; CNS--15 in excess of those required in the curriculum; CSS--24 credits. CNS would allow more than 15 credits if the additional work was directly related to a CNS degree program.

[4] Pass-fail transfer credit must be from an accredited institution. Transfer credit taken in the major on a pass-fail basis will be counted as elective credit or must be recomputed as grades.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum	comments
	yes	no	hours	
Coursework:				
after 5 p.m.[1]	x		no limit	University College courses.
weekends[1]	x		no limit	Courses in geography and social sciences.
campus linkages[2]		x		
workshops[1]	x		no limit	A few summer workshops.
fieldwork[3]	x		12 hours per term	
summer sessions for degree and nondegree students	x		no limit	
correspondence		x		No correspondence work is offered.
extension[4]	x		no limit	
community centers	x		no limit	Extension work.
military bases		x		
veterans hospitals		x		
educational television (campus station)[4]	x		no limit	Channel 23
remedial courses[5]	x		12-24	ATL, natural science, mathematics.
Examinations:[6]				
English composition	x		9	
mathematics	x		variable	
general education requirements	x		36	Through University College.
major requirements	x		variable	Very few students take advantage of this option.

CLEP[7] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] University College offers a few courses after 5 p.m. A limited number of courses in geography and social sciences are offered on the weekends. On-campus credit courses in the evening hours require admission to the University.

There is no limit on credits earned in workshops or evening courses at MSU other than the limited number of such courses taught. The University does not offer enough credits to allow students to complete degree requirements by taking evening classes.

[2] Informal arrangements for concurrent registration are possible with Lansing Community College.

MSU students taking work for transfer purposes at another institution must obtain approval from an assistant dean in their College and from the Transfer Admissions Office, 250 Administration Building. Copies of the MSU Guest Course Approval form are available in the Transfer Admissions Office. Only freshmen and sophomores may concurrently register at community colleges.

[3] Fieldwork is available in various academic areas in the form of workshops, independent study, or off-campus courses, including study abroad. CSS has a few courses giving credit for community services. For information, consult a College or departmental adviser.

[4] In 1971, over 25,000 registrations were recorded in 1,200 credit and noncredit courses offered in 85 Michigan communities by the Extension Service; and nearly 50,000 adults attended conferences and educational meetings at Kellogg Center, Gull Lake Conference Center, and other locations.

Off-campus credit courses are available through the Office of University Extension, Room 2, Kellogg Center. The MSU Evening College offers noncredit programs on campus; for information, contact the Evening College, 19 Kellogg Center. Telecourses are offered for credit and noncredit. For information, write to University of the Air, Room 12, Kellogg Center. Channel 23 will be broadcasting courses for credit in Fall 1972.

[5] Remedial coursework is offered in American Thought and Language (12 credits) and Natural Science (12 credits). Students are eligible on the basis of placement scores and/or enrollment in the Developmental Program.

Math 081-103 are two courses taken together and intended for students with little or no previous background in algebra. 081 is a no-credit course; 103 is a 2-credit course; the same grade is issued for both courses. Enrollment in the class is based on the MSU Algebra Placement Examination. For information, consult the Mathematics Department.

[6] During the quarterly registration periods, two-hour independent study examinations are given in required University College courses. A 2.0 grade or above on these examinations waives the requirement without credit. Students earning a 3.0 grade or above may choose to take the grade and credit for the course by paying the regular tuition fee. For the regulations pertaining to examinations, see the Catalog, a University College adviser, or the departmental office.

Students may earn the right to attempt acceleration in a University College course by superior performance in the first and second terms of the course or by a superior rating on the waiver examination. Information on the acceleration privilege is available in the Catalog, from instructors in the College, or from a University College adviser.

In some courses, students may earn credit, without regular enrollment, through demonstration of proficiency by means determined by the appropriate departments. Examinations may take the form of course or laboratory projects, written or oral reports, evidence of satisfactory skill performance, etc.

Courses available for credit by examination are specially designated in the course timetable. Students who wish to avail themselves of this option must so indicate through the regular enrollment procedure. They are responsible for obtaining from the department and/or instructor a written statement on the materials and skills they will be required to demonstrate proficiency in and on the means and standards by which proficiency will be assessed. Standards are comparable to those used to grant credit for regular enrollment.

All other procedures are the same as for regular enrollment.

[7] For CLEP discussion, see Section II.

TABLE 4

University and College Graduation Requirements

For the options available to complete the following requirements, consult the Catalog.

UNIVERSITY REQUIREMENTS

1. One year's work, normally the year of graduation, earning at least 45 credits in MSU courses.

2. A minimum of 40 credits earned on the East Lansing campus after reaching junior standing.

3. A minimum of 30 credits completed while enrolled in the major in the degree-granting college.

4. Successful completion of the basic skills tests in English and arithmetic.

5. Completion of each of the four general education sequences:
    - A. American Thought and Language--9 credits
    - B. Natural Science--12 credits
    - C. Social Science--12 credits
    - D. Humanities--12 credits

Substitutions or other options approved or required by the student's department and college for one general education course or sequence closest to the major should be noted in the Catalog.

6. Satisfactory completion of an approved program of study in a college.

7. Completion of a minimum of 180 quarter hours with a grade point average of at least 2.00 on a 4.00 system. Some programs, as designated in the Catalog, may require more hours.

COLLEGE OF ARTS AND LETTERS

1. Completion of the courses cognate to the departmental major. Cognates consist of a minimum of 9-12 credits in courses approved by the major.

2. Completion of other credits sufficient to total at least 180. The program must be arranged to include not only the above, but also:

    - A. At least 45 credits in courses numbered betweeen 300 and 499
    - B. Not more than 12 credits in technical courses
    - C. Not more than 55 credits in any departmental major of the College

TABLE 4
(continued)

Exceptions to this limitation are the Studio Arts and the Theatre majors; students in these programs may accumulate 60 credits. Students with majors in a foreign language who begin work in the major at the elementary course level may accumulate 55 credits beyond the first-year courses.

COLLEGE OF NATURAL SCIENCE

The following requirements are for all B.S. degrees with the exception of Nursing. For Nursing, consult the Catalog.

College Course Requirements

1. Mathematics through Calculus II or Mathematics through Calculus I and a course in Statistics.

2. Chemistry through Carbon Compounds or Inorganic Compounds or Thermochemistry and a course in Quantitative Analysis or Organic Chemistry.

3. Introductory Physics plus coursework in wave motion, sound, light, and modern development.

4. First-year proficiency in a foreign language--OR--12 credits in courses offered by the College outside the major which do not duplicate those used to satisfy items 1-3 above--OR--a minimum of 12 credits from social sciences and humanities including 1 course in logic or the philosophy of science with at least 6 of the 12 offered by a single department--OR--for the teacher certificate candidate, the completion of all professional education requirements.

College Distribution Requirements

1. A maximum of 120 credits in courses offered by the College, the Departments of Anatomy, Computer Science, and Natural Science.

2. A maximum of 100 credits in courses offered in a single curriculum division of the College.

3. A maximum of 15 credits in technical or professional courses in excess of those required for the curriculum.

4. A minimum of 45 credits in courses numbered 300 and above.

5. Completion of a departmental major, 40 to 70 credits for the non-teacher certificate candidate, or 45 to 70 credits for the teacher certificate candidate; or an interdepartmental major, 54 to 100 credits.

TABLE 4
(continued)

The following requirements are for all B.A. degrees.

College Course Requirements

1. Second-year competency in a foreign language--OR--first year competency in a foreign language and a minimum of 9 credits in one of the following not in the student's major field: philosophy, mathematics, biological or physical sciences--OR--for those enrolled in a teacher certification program, first-year competency in a foreign language and the completion of all professional education requirements.

College Distribution Requirements

1. A maximum of 120 credits in courses offered by the College, the Departments of Anatomy, Computer Science, and Natural Science.

2. A maximum of 100 credits in courses offered in a single curriculum division of the College.

3. A maximum of 15 credits in technical or professional courses in excess of those required for the curriculum.

4. A minimum of 45 credits in courses numbered 300 and above.

5. Completion of either a departmental major--40 to 70 credits for the non-teacher certificate candidate or 45 to 70 for the teacher certificate candidate--or an interdepartmental major, 54 to 100 credits.

COLLEGE OF SOCIAL SCIENCE

I. Requirements for the B.A. degree with majors in: anthropology, geography, political science, psychology, and sociology; the School of Social Work; and the Multidisciplinary Social Science Program.

1. Social Science

   A. Major requirements of no less than 30 credits with a minimum 2.00 grade point average in the major.

   B. A minimum of two courses dealing with methods used in social science research.

   C. A minimum of five social science courses from at least two of the following departments: anthropology, economics, geography, political science, psychology, and sociology, which are outside the student's major.

TABLE 4
(continued)

2. Arts and Letters

Completion of one of the following alternatives as determined by the student's department or school which may limit the alternatives available to the student:

A. Attainment of second-year competency in a foreign language.

B. Completion of a minimum of 18 credits in courses dealing with one foreign area and a minimum of 6 additional credits within the humanities; the requirement may be met by relevant courses from several colleges within the University.

C. Completion of 24 credits in a cognate program planned by the student's major department to be relevant to the unique needs of its students.

3. Natural Science

A minimum of 12 credits in physical science, biological science, mathematics, statistics, and philosophy of science in addition to the Natural Science sequence in the University College or Education 436.

College Distribution Requirements

1. A minimum of 48 credits in courses numbered 300 and above.

2. A minimum of 110 credits, for departmental majors, outside their major.

3. A minimum of 156 credits in the basic disciplines of the arts and sciences; all courses required for the major may be used to meet this requirement.

II. Graduation Requirements for the B.S. degree with majors in: anthropology, geography, psychology, sociology; and the Multidisciplinary Social Science Program.

College and Major Requirements

1. Social Science

A. Major requirements of no less than 30 credits with a minimum 2.00 grade point average in the major.

TABLE 4
(continued)

B. A minimum of four courses dealing with the methods used in social science research.

C. A minimum of four social science courses from at least two of the following departments: anthropology, economics, geography, political science, psychology, and sociology; for departmental majors this requirement is to be met outside the major.

2. Arts and Letters

Completion of a 12-credit sequence in courses from the College of Arts and Letters as determined by the student's department or school.

3. Natural Science

A minimum of 21 credits in physical science, biological science, mathematics, statistics, and philosophy of science in addition to the Natural Science courses in the University College.

College Distribution Requirements

1. A minimum of 48 credits in courses numbered 300 and above.

2. A minimum of 110 credits, for departmental majors, outside their major.

3. A minimum of 156 credits in the basic disciplines of the arts and sciences; all courses required for the major may be used to meet this requirement.

SCHOOLS OF CRIMINAL JUSTICE, URBAN PLANNING, AND LANDSCAPE ARCHITECTURE

These programs are highly specialized. Students interested in these areas should consult the Catalog directly.

TABLE 5

Explanations and Exceptions to the Graduation Requirements for SS, NS, and AL

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varing times during the college career?	x	
2. Are there time limits on completion of the degree? If so, what is the limit? limit of 225 quarter hours of work	x	
3. Does correspondence work taken at your university count toward residency?[1]		x
4. Must the student be physically present on campus to earn residency credit?[2]		x
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements[3]	x	
c. major requirements[4]	x	
d. basic skills requirements		x
e. minimum grade point average[5]		x
f. residency requirement[6]	x	

[1] MSU does not offer correspondence work.

[2] Independent study, field study, study abroad are possible exceptions.

[3] The College of Social Science adopts a flexible attitude in interpreting what is considered as general education. The College of Natural Science is willing to waive a few hours in nonscience areas if the student is otherwise ready for graduation.

[4] The major department may substitute courses to complete the major requirements on the basis of personal hardship or unavailability of course offerings.

[5] There is no "forgiveness clause," but adjustments can be made in the grade point average by eliminating certain grades in nonrequired courses. This is particularly common in cases in which the student changes to a new major and demonstrates academic success in a new field.

[6] Residency requirements may be waived for the major but not for the University residency (see Table 4).

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	The Counseling Center The Placement Bureau Continuing Education
veterans[1,3]	The Counseling Center The Placement Bureau Veterans' Guidance Center
cultural minorities[1,4]	The Counseling Center The Placement Bureau
educationally disadvantaged[1,5]	The Counseling Center The Placement Bureau
physically handicapped	The Counseling Center The Placement Bureau
other special groups:	
Humanities majors	CAL Office
health sciences	Faculty advisers in CNS
adults[6]	Continuing Education
MDP students[7]	MDP Advising Service CSS representative in Counseling Center

[1] Career counseling is available to all students through the Counseling Center (CC), one of the best counseling services in the CIC system. The Center has been decentralized since 1964 in an effort to provide more convenience to students, work more closely with other faculty and staff members in the area of student development, and participate in preventive and remedial programs of counseling and psychological services. CC offices are located in 224 Brody,

229 West Fee, 7 West Wing (3rd floor) of the MSU Health Center, 207 Student Services Building, 32 Student Union, and 36 South Wonders Hall.

An occupation library is located in 207 Student Services Building. Career information collections are in the Brody, West Fee, and Student Union counseling offices and in the Wilson and MSU undergraduate libraries. Materials from academic departments, professional organizations, and government agencies are available including books, pamphlets, and college catalogs. A librarian is on duty to assist students with the collection in the Student Services Building, and a Career Information Specialist also sees referrals in this office. Aptitude tests, interest inventories, or other tests are scheduled by a CC counselor if the student desires.

The MSU Placement Bureau is a sizeable operation, a demonstration of the University's sense of responsibility toward its students. Its assistant directors include a woman and two Blacks. More employers (1,500 in 1972) work with this service than any other university placement bureau in the country; 1,300 alumni were placed in 1972, many of whom were veterans.

In addition to placement services, the Bureau offers students the possibility of career-related work experiences while they are in school. The Bureau prints a follow-up report on all graduating seniors indicating their job placements--a handy tool for students, counselors, and departmental advisers. Seminars are given for college advisers, career-planning talks are held for student groups, and a bulletin on careers is sent to faculty. The MSU Placement Bureau is one of the most enthusiastic and energetic in the CIC.

[2] Women with particular career concerns could be assigned on request to female CC staff members who are interested in opportunities for women. The head of the Career Information Library is a woman; she makes a particular effort to provide up-to-date information on careers for women and serves as a liaison officer with the Placement Bureau. Career counseling is also available in the Office of the Dean of Women and from Professor Erickson in Continuing Education (see Resource Centers).

[3] Vocational testing and counseling services for veterans from the central Michigan area are provided on the basis of a contract between CC and the Veterans Administration. Vocational and educational counseling is also available to veterans in the Veterans' Guidance Center. (see Resource Centers).

[4] Career counseling for Developmental and other minority students is provided in the Multi-Ethnic Counseling Office, 32 Union Building.

[5] Educationally disadvantaged students are invited into the CC for interviews in order to follow up on possible academic problems and review course schedules and patterns of study. Strong emphasis is placed on career selection and planning for this group.

[6] Counseling services for adults are offered by the CC in cooperation with the Continuing Education Service. Counselors are available to discuss career and academic goals by appointment, from 7 to 10 p.m., Monday through Friday, and to provide testing on Saturday mornings for those unable to take tests during the regular Testing Office hours. Applications for counseling are available in the Evening College Office, or the CC Office, 207

Student Services Building. The current fee for assessment, testing, and two counseling interviews is $70; for an assessment interview only, it is $20.

[7] The MDP advising service provides career planning and placement services for its students as additional resources to those of the Counseling Center and the Placement Bureau. Six Career Seminars, an information sheet on "Planning a Career with a Social Science Multidisciplinary Major," a "career corner" in the lobby of 141 Baker Library, a small library of books and catalogs located next to the career corner, and career information and placement bureau files are some of the programs aimed at helping MDP students. Recent projects include an analysis of the Placement Bureau Follow-up Reports to determine what kinds of jobs are available to CSS graduates, the preparation of a brochure designed to acquaint prospective employers with the MDP programs, and the establishment of working relationships with staff members of the Placement Bureau, the career unit of the Counseling Center, the Occupational Library, and other community areas, in order to receive on-going information on careers and job placement.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Black, Chicanos, American Indians, and others who are educationally disadvantaged[1]	MSU Developmental Program Center for Supportive Services and Counseling
veterans [2]	Office of Veterans Coordinator
women [3]	-----
physically handicapped	Office of Handicapped Students
other groups: educationally disadvantaged and others in need of tutorial help or study skills improvement[4]	University College Learning Resources Center

[1] The MSU Developmental Program began in 1968 (under the name of the Detroit Project) as a recruitment project for minority students. Since its establishment, about 520 students whose high school grade point averages and test scores were lower than normal admission requirements have entered the Program. The Program has now expanded to include educationally disadvantaged students other than minority students. A Center for Supportive Services and Counseling has been developed to provide an orientation program, financial aid

assistance, a counseling program, academic assistance, and tutorial programs for incoming development students.

Twenty students in the Program will serve as advisers to the Office of Special Programs. There has been some discussion about pairing freshmen with successful continuing students (the problem being that freshmen have the lowest priority on space in the dormitory system). Tutors are also chosen from among the Program students.

Two advisers are available to students presently at the Center, 32 Union Building. Faculty advisers are also assigned in the various departments. Student files are kept in the Center in order to give the best advice based upon placement tests, grades in courses, and college academic actions.

[2]The Veterans Information Program is a service of the Office of Veterans Coordinator, 162A Student Services Building. Information on GI benefits, tutorial assistance benefits under Public Law 91-219, academic credit for military service schools, and other areas of educational concern to veterans is circulated by newsletters. The Office also provides counseling for students on a walk-in basis.

The University has received funds for a veterans outreach program under the Emergency Employment Act. Four MSU student veterans will work 20 hours per week contacting recently released veterans in the Greater Lansing Area to assist them in a number of ways, including admission to school.

[3]There is no women's center on campus. The Association of Collegiate Women (ACW) focuses on the status of women through programs which seek to provide a better understanding of opportunities

today for educated women. ACW also assists in the development and funding of other programs for women, presents a "Women's Week" during Fall Quarter, and publishes a handbook, Who's Who, What's What. For information, contact the Division of Student Activities.

Professor Mildred Erickson, a dean in the Continuing Education Division and in University College, provides extremely helpful educational counseling to mature women. A three-quarter noncredit evening course taught by Professor Erickson, "Women: Potentials and Perspectives," concentrates on women and their roles in modern day society. The third quarter of the course deals specifically with new educational and vocational opportunities for women and uses as resources persons representative of community and college agencies.

[4] The University College Learning Resources Center provides study carrels, audio-tutorial machines and other study programs, undergraduate tutors, and a library of records, audiotapes, and reference books. These resources complement certain classes or serve as supportive and remedial aid in areas of basic skills.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid				
state grants	x		Admissions and Scholarships or Financial Aids	Tuition grants and trustee scholarships require full-time course loads. Work study programs and EOG also require full-time. Law Enforcement Education Program loans and grants are also available.
EOG	x			
military scholarships	x			
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program	x			
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services	yes	no		
for spouse/dependents		x	Health Center	Student must register for 7 or more credits to use the Health Center.
gynecological services	x			
psychiatric counseling	x			
equal for part-time students		x		

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical surgical insurance				
including pregnancy and childbirth	x		ASMSU Office Student Services Building	No facilities for pregnancy and childbirth care on campus. Optional coverage for this care through student insurance. All students are eligible for insurance if they choose to pay for it.
for part-time students	x			
Participation in Activities/ Organizations				
equal for part-time students	x		Student Activities Division, Office of the Dean of Students	Constitutions of certain student organizations may require full-time student status for officers.
equal for women and men	x			
Housing[1]				
equal for part-time students	x		On-Campus Housing Assignments or Off-Campus Housing	Required of freshman and sophomore students unless registered for less than 6 credits.
Child care facilities[2]			Division of Student Activities or Department of Married Housing	Two on campus: a cooperative and a lab school.
Interlibrary loan			MSU Libraries	Limited to undergraduate students and faculty.
Recreational facilities			Intramural Sports and Recreation Services	

TABLE 8
(continued)

Special Services

Service	Office to Consult	Comments
Tutorial services[3]	Supportive Services Learning Resources Center College departments	
Placement services	Placement Bureau	For students and alumni.
Participation in athletic programs	Intercollegiate Athletics	Big Ten rules apply to intercollegiate sports.
Short-term leaves[4]	Admissions and Scholarships	No formal leave of absence.
Other services		
Office of Black Affairs[5]	308 Student Services Building	ASMSU organization.
Ombudsman[6]	Office of Ombudsman 101 Linton Hall	
ASMSU services[7]	ASMSU Student Services Building	Legal aid, loans, repair shop.

[1] Residence housing includes room-only and apartment plans for upper-class students. Freshmen must live in University housing or at home except under special conditions. Sophomores must live in University Housing, supervised housing, or at home unless special conditions apply.

[2] A lab school within the College of Human Ecology is intended generally for children of faculty. A day care center is open in the Married Students Activity Unit to 110 full-time-equivalent children, infants to preschool age.

[3] Fifty work-study students serve as tutors in the Developmental Program. Other tutorial assistance is obtained from faculty and student volunteers. A schedule of tutors is available to Program students through the Center for Supportive Services, 32 Union Building. The Center is also considering the use of computers as part of the tutorial system in the area of mathematics, but will consider student reaction to this proposal before making a decision.

Other tutorial services are present in the University College Learning Resources Center and in specific departments. For information, consult a College adviser.

[4] Students wishing a short-term leave could get Incomplete grades for the term enrolled, but these would have to be made up during the first term of their return to MSU. Students who formally withdraw from the University do not have to reapply if they drop out for one term, and they are able to preregister for the next term. If they withdraw for more than one term, they must reapply.

[5] The Office of Black Affairs, a student organization, distributes newsletters and newspapers to new and currently enrolled Black students, maintains contacts with fellow students on other college campuses, and sponsors certain MSU events.

[6] The present ombudsman is James Rust, a professor of English Literature. His responsibility is to cut red tape, end squabbles, hear complaints, and seek solutions to student problems.

[7] Student government (the Associated Students of Michigan State University--ASMSU) offers several services. A law firm has been retained for registered students seeking advice on legal problems. Students must make an appointment by calling 353-0659 and pay a $3 fee per consultation. An ASMSU loan fund (maximum $20 for a maximum of three weeks) is located in 307 Student Services Building. An Electronics Workshop offers low-cost repair of stereos, televisions, and radios in 326 Student Services Building.

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
James Madison College	B.A.	--
Justin Morrill College	B.A.	--
Lyman Briggs College	B.S.	no
Multidisciplinary Program (CSS)	B.A. or B.S.	yes
Criminal Justice (CSS)	B.A.	--
Interdepartmental Majors (CNS)	B.S.	yes
Interdisciplinary Programs (CAL)	B.A.	yes

Three residential colleges are experimental, semi-autonomous degree units at MSU: James Madison, Justin Morrill, and Lyman Briggs. Admission to the colleges is open to any freshman who qualifies for admission to MSU. Transfer students may be admitted to James Madison or Justin Morrill, but are generally not advised to enroll in Lyman Briggs. Transfer students must not have attained junior standing to be admitted to Justin Morrill.

The difficulty with applying to a residential college as an itinerant student is that in each of the three, the courses taken for the field of concentration are offered within the academic departments. Thus, the coursework during the junior and senior years of a residential student is more heavily concentrated in the traditional liberal arts and sciences colleges (CAL, CNS, CSS), while the unique features of the residential colleges are concentrated to a greater extent in the freshman and sophomore years. (This is particularly true in the case of Lyman Briggs because of the sequential pattern of study characteristic of the sciences.) An itinerant student transferring in the junior year into a residential college would lose a good deal of the advantages of the college found during the lower-division years.

James Madison College is dedicated to carry forth the tradition of its namesake in the area of scholarship devoted to public service. Students choose one of five policy problem areas: Ethnic and Religious Intergroup Relations; International Relations; Justice, Morality, and Constitutional Democracy; Socio-Economic Policy Problems; and Urban Community Policy Problems. Faculty members represent the fields of economics, history, philosophy, political science, psychology, sociology, and statistics. During their junior year, students participate in fieldwork for which they earn one full quarter of credits. This fieldwork is available in government offives, trade unions, chambers of commerce, political parties, and other organizations.

Justin Morrill College (JMC), named for the author of the Land-Grant College Act of 1862, offers a number of programs in liberal arts. Students may choose from these fields a traditional major or a topical or thematic major designed by themselves and their adviser. Most students choose majors within one discipline or interdisciplinary in the areas of arts and humanities or social sciences, but a major in one of the sciences is possible. Premedical programs are the easiest to fulfill among the science programs at JMC; students wishing a strong science orientation should consult the section on Lyman Briggs. A one-quarter field study program is required of JMC students; they have a choice of three options: a term abroad, a term off-campus but within the United States, or a term devoted to independent study on campus. Field study under the first two options consists of projects in government, industry, community service, or other programs in this country or overseas; the third option is reserved for students who demonstrate an ability to profit from independent study.

Lyman Briggs College (LBC) provides a program in the biological and physical sciences and mathematics. The College is named for a distinguished alumni and scientist: the co-inventor of the earth inductor compass which guided Lindberg on his first trans-Atlantic flight, the past director of the National Bureau of Standards, the chairman, in 1939, of a program which investigated the possibility of utilizing energy from the atomic fission of uranium, and the designer of many instruments used on the balloon Explorer II. Students may choose a major among any of the traditional curricula offered in CNS (other than nursing) or computer science or medical technology. Premedical and predental students and other students seeking preprofessional scientific training (for example, science writing, patent law, public health) are able to complete their programs in LBC. The College offers a balanced program of science and nontechnical programs in order to stress that urgent problems facing humanity have both technical-scientific and political-sociological-humanistic-ethical components.

More undergraduates, about 6,000, are enrolled in the College of Social Science than in any of the other liberal arts colleges. Of these students, 2,000 are registered in the Multidisciplinary Programs (MDP). Within MDP, students choose between a B.A. and a B.S. degree, and between three areas, General Social Science, Prelaw, and Secondary Teacher Education. If they elect the first area, there are seven specific programs of study which fulfill the requirements: Liberal Arts, Computer Science, General International Studies, Intensive International Studies, Labor and Industrial Relations, Urban Studies, and General Prelegal (less structured than Prelaw). Prelaw has one program which fulfills its requirements; Secondary Teacher Education has two, the General Teacher Education and Foreign Studies Teacher Education Programs.

Students are enthusiastic about the MDP areas because they provide a broad foundation in the social, psychological, and related sciences. Because they are flexible, the programs would be attractive to itinerant students. The MDP requirements are designed for the student who does not want technical training *per se*, but does want some in-depth training in several areas. Although there are certain University and CSS requirements to be met, the MDP Program requirements are fairly general and allow students to pick from a number of course options. Advisers in the program are committed to the concepts of interdisciplinary studies and the broadly educated undergraduate student.

The Criminal Justice program offered through CSS is the only CIC program granting B.A., M.A. and Ph.D. degrees. Space in this school is limited, and not all who apply are accepted.

Interdepartmental majors in CNS provide diversified programs such as those of MDP. The major consists of not less than 54 nor more than 100 credits in one of four areas: biological science, physical science, earth science, and general science (the last two named are reserved for secondary school provisional teacher certificate candidates). The biological and physical sciences interdepartmental majors provide broad background in the natural sciences for preprofessional health sciences students, secondary school teachers, prospective scientific writers, and others.

Interdisciplinary programs in CAL are available in the areas of American Studies, Classical Studies, Humanities, and Prelaw. In the first two majors, coursework is taken in the fields of literature and history, with optional work to be chosen from courses in political science, sociology, and other disciplines. The Humanities major is unusually flexible, having essentially only the requirements of a total of 70 to 100 credits in the major and a coherent plan for course selection. There are two ways of organizing the major: 1) choosing one field in CAL, taking a minimum of 24 credits at the 300- and 400-course level, and selecting related courses in other departments to meet the total given above; 2) selecting three departments--at least two of which must be in CAL--and presenting coursework in all three departments, with a minimum of 18 credits in each, in order to meet the same total. In either case, students will be able to do comparative studies in several related fields of learning appropriate to their interests and goals. The Prelaw program is based on the recognition that most law schools do not require specific courseowrk for admission. The Interdisciplinary

Prelaw major, then, is one of many possible programs in that field. In this major, courses are chosen from a number of areas which help to prepare the student for law school, for example, constitutional history, logic, politics, and social psychology.

The Center for Urban Affairs was formally converted into the College of Urban Development in June 1972. It is presently developing a curriculum. As a Center, it helped to develop many undergraduate and graduate courses in existing departments. As soon as courses for the new College are approved, they will be available to MSU students, including itinerants.

UNIVERSITY OF MINNESOTA

INTRODUCTION

Learning opportunities, special methods, and experimental programs characterize the University of Minnesota (UM) more than its distinguished faculty and undistinguished architecture. The school is a peculiar blend of cosmopolitan location (Minneapolis) and small-town atmosphere (Dinkey Town is the name of the closest area) and a happy marriage of traditional academic majors and unique degree options.

For example, there are three ways of earning credit by correspondence study and a fourth variation on these methods, and the Extension Division lists twelve ways to earn UM credit through its services (see Table 3). The College of Liberal Arts (CLA) alone provides seven means for study on one's own (see Unique Programs). Students wishing to pursue a degree in the area of liberal arts and sciences may choose CLA, the Institute of Technology, General College, or University College. There are 59 possible degree programs in CLA and four different bachelors degrees, six traditionally arts and sciences degrees out of a total of seventeen in the Institute of Technology, five degrees in the College of Biological Sciences, two in General College, and three in University College. All in all there are more than 275 majors offered throughout UM, and students, no matter what their educational background or interest, ought to find something to suit them.

Recognizing that diversity leads not only to opportunity but confusion (Cross Disciplinary Studies in CLA are not the same as cross disciplinary curricula in University College), CLA and the other colleges issue catalogs and maintain staffs of counselors. CLA also provides incoming students with a Student Handbook, the Office of Admissions and Records publishes the New Student News, and the student newspaper, the Minnesota Daily, prints current information in the Daily Bulletin section. The Office for Special Learning Opportunities, a separate office within CLA, has been created to provide and discuss educational alternatives for College students throughout the University system.

UM students, whatever their academic interests, come from fairly similar backgrounds. About 96% of the undergraduates are state residents. Only about 2% are representatives of cultural minorities.

A number of mature women, some with children, are students. Two centers provide help for these and other female students, the Minnesota Planning and Counseling Center for Women and Continuing Education for Women (see Resource Centers). The Institute of Technology, essentially a male domain, has begun to work with its female students. It offers the services of a female staff member from the Student Counseling Bureau to help women students cope with the hostile environment.

Although academic advisers and counselors are not as well versed on the problems veterans face as those of women, and although supportive services are not as complete as they are at other CIC schools such as Wisconsin and Illinois-Urbana-Champaign, veterans are succeeding at the University. There is presently no resource center for veterans. A recruitment program has been proposed by the Office of Admissions and Records.

Blacks from Minneapolis will probably be at ease at UM because they are used to being a small minority. Students from the South and from large cities in other states may find they have certain adjustment problems. Despite their separate cultural backgrounds and frequently different political views, minority students at UM generally consider themselves a part of a Third-World Coalition. The Martin Luther King Program (see Resource Centers) is the result of student troubles in 1968 and 1969. The experience of counselors in the Program is that minority students, including veterans and older students, can succeed at the University.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

There are no recruiting programs directed toward any student group at UM other than minorities. One-third of the admissions staff works with the Martin Luther King Program (MLK; see Resource Centers) in going to high schools and reservations to recruit and interview prospective students.

Students who are not pursuing a degree and students who already hold a bachelor's degree are allowed to register as adult special students if they are 24 years or older or have a baccalaureate degree. There is no limitation on course selection other than permission of the instructor in certain limited, professional courses, and there is no limitation as to the number of courses selected each quarter. There is no admissions quota on these students.

The General College offers a Bachelor in General Studies and a Bachelor in Applied Studies; CLA offers a Bachelor of Elected Studies and other student-oriented programs, and several experimental degree programs are housed in University College (see Unique Programs). Admissions requirements are not different for these degrees than for other programs in their respective colleges, although in some cases students must make application for the particular program.

Students in CLA must have college approval for part-time programs, but there is no admissions quota on part-time students. There is also no admissions quota on out-of-state students, although, as in many other CIC schools, different admissions standards and fees are applied to these students.

The Colleges determine their own admissions standards and make exceptions to these requirements if they desire. Admissions requirements such as high school graduation and specific test scores have been waived.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	College Office
students withdrawing from the university	College Office
students dropped for academic reasons	College Office
prospective freshmen	Admissions Office
applicants for transfer	Admissions Office College Office
applicants for readmission	Admissions Office College Office

Lower division CLA students receive advising in one of five offices: MLK, Honor (also for upper-division students), Health Sciences (preprofessional curricula, biology majors), Education-Business (for prospective transfers to those schools), and Humanities-Social Sciences.

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions	x		no limit	
academic work at provisionally-accredited two- or four-year institutions	x		no limit	Credit allowed from institutions granted correspondence status. No validation is required.
academic work at unaccredited institutions[1]		x		
academic work at junior colleges	x		105	Requirement of 75 upper-division credits for graduation restricts amount.
United States Armed Forces Institute (USAFI)	x		no limit	Not in the major.
College Level Examination Program (CLEP)[2]	x		32-General 57-Subject	
American College Test (ACT)		x		
Advanced Placement	x		39	
educational television[3]	x		no limit	From accredited institutions only.
formal schooling in the military service[4]	x		no limit	
occupational training in the military service[4]	x		8	
military service		x		
correspondence work from own institution	x		set by major adviser	
correspondence work from other institutions	x		set by major adviser	
extension courses	x		no limit	
technical-vocational courses[4]				No policy.
pass-fail from other institutions	x		no limit	

TABLE 2
(continued)

Acceptability of Transfer Work as Credit toward Graduation

	[illegible]		[illegible]	
Type of Transfer Work*	yes	no	hours	comments
nontraditional methods (learning contracts, community service, etc.)[3]	x		variable	See College Office.

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

[1] Students presenting work from nonaccredited institutions may gain credit for this work by demonstrating competency in an area through special examinations arranged with appropriate academic departments.

[2] Advanced standing students who received credit for CLEP at other universities must apply to have the credits transferred. Applications to transfer CLEP credits are made through the testing office of the Student Counseling Bureau.

[3] Transfer credit in educational television and certain non-traditional methods of education are accepted only on the transcript of accredited, academic institutions.

[4] Up to 8 hours in technical non-CLA work may apply toward graduation; this could include electrical engineering or flight instruction courses given in the military service.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum	
	yes	no	hours	comments
Coursework:				
after 5 p.m.[1]	x		no limit	Many offerings; students can get degrees at night.
weekends	x		no limit	Very few Saturday classes.
campus linkages[2]		x		
workshops[3]		x		
fieldwork[4]	x		no limit	Fieldwork in anthropology, geology; directed studies courses in various CLA departments.
summer session for degree and non-degree students[5]	x		no limit	
correspondence[6]	x		set by major adviser	
extension[7]	x		no limit	
community centers[7]	x		no limit	
military bases	x		no limit	
veterans hospitals		x		
educational television (campus station)[8]	x		no limit	
remedial courses[9]		x		
Examinations:				
English Composition	x		6	
mathematics	x		no limit	
foreign languages	x		no limit	
general education requirements	x		60	
major requirements	x		variable	According to major adviser's approval.

CLEP[10] - For CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] All coursework after 6 p.m. is offered through Extension, and all Extension work is residence credit with the exception of correspondence study.

[2] UM students may enroll in courses at Macalester College, St. Paul, under individual programs and with the consent of their CLA adviser.

[3] A summer seminar program in Grand Rapids, Minnesota, includes many one-week UM credit workshops and courses in literature, theatre, music, the plastic and graphic arts, and other artistic areas. Recreational facilities are available to students and to their grade-school-age children. Babysitting can also be arranged. For information, contact the Summer Arts Study Center, 320 Wesbrook Hall.

[4] Lower-division CLA students and others can earn 16 credits or more per quarter in regular UM courses taught abroad by UM faculty. Classes for Spring and Summer Quarters 1973 will be offered in London for 40 students; the classes are offered in English, History, Theatre and Sociology. For information, contact the International Study and Travel Center, 231 Coffman Union, or the UM World Affairs Center, 3300 University Avenue S. E.

Students may earn college credit for supervised work experience, noncollegiate post-high school education, participation in community projects, and other nontraditional learning experiences in the BGS or BAS degree programs in the General College (see Unique Programs).

[5] Summer-only admission of UM incoming freshmen requires approval of the Office of Admissions.

[6] Approximately 600 college-level correspondence courses are

offered by the Independent Study Department of the General Extension Division. Most of these carry degree credit, and most are available through USAFI. Credit courses include classes in the arts, languages, literature, social sciences, and natural and physical sciences.

The three methods to earn credit through correspondence study are 1) the traditional lesson method, 2) a less structured honors alternative in which the student chooses the method of study, and 3) credit by examination, a method under which the student prepares for a final examination based on a study guide and required texts and materials. The honors method is intended for the mature and/or able student capable of self-reliance, scholarship, and personal motivation. The credit by examination method requires self-preparation without evaluation by the instructor and is intended for students with extensive background in an area who wish to re-orient their experience to an academic framework in order to earn credit. In both cases, permission of the Director of the Department of Independent Study is required. For further explanation, consult the Independent Study catalog of Continuing Education and Extension. Students not indicating their choice on their registration blank will be enrolled automatically in the regular lesson method.

A variant on these methods, group study, is available to 30 or more students in Minnesota upon request. A Community Classroom is organized consisting of a professor who gives one or more lectures in person or via a two-way amplified phone hook up. Special aids to independent study are utilized, such as remote electronic blackboards, films, slides, overhead projections, television or audio tapes, and telephone sessions by appointment with the instructor.

[7]Over 1,000 credit courses are offered by Continuing Education and Extension in locations throughout the metropolitan area and in Duluth, Morris, and Rochester. The following CLA majors may be completed entirely in extension classes: American Studies, Art History, Studio Art, Child Psychology, Economics, English, History, Humanities, Interdepartment Major, Psychology - B sequence, and Sociology; Political Science and Social Welfare may be nearly completed in extension classes with only a few courses to be taken in day classes. A student wishing to complete a degree should consult the CLA Committee on Scholastic Standing.

Most if not all of the credits required for the two baccalaureate degrees in the General College (B.G.S. and B.A.S.; see Unique Programs) may be completed through Extension. For information, consult a General College adviser.

The twelve means of earning UM credits through Continuing Education and Extension are a) evening extension courses; b) correspondence work (see footnote 6); c) radio and television courses (see footnote 8); d) daytime liberal arts seminars and courses in the Women's Program; e) examinations for credit (knowledge equivalent to specific UM Extension courses); f) CLEP examinations; g) and h) "Y" and "X" registration in Extension courses (see explanation of CLA "Y" and "X" courses under Unique Programs); i) and j) off-campus projects for credit through the Living-Learning Center or registration in a project through University College 3-075 (see Unique Programs); k) blanket credits (at least 45) for technical courses to be applied to General College degree programs (see Unique Programs); l) student-designed study projects through the Extension Division.

[8] The Extension Division offers courses via University Radio KUOM (770) or over local television (Channel 2). For information, consult the Office of Evening and Special Classes.

[9] No CLA remedial courses carry graduation credit. CLA-MLK students might be allowed to take certain General College credit courses which could be considered remedial. For information, consult a CLA-MLK adviser.

[10] CLA students may take the CLEP General Examinations and earn up to 32 quarter credits; however, credits are reduced if the student has taken previous college coursework in the area tested. Therefore, students are urged to take the General tests soon after entering the University. CLEP Subject Examinations are also available. For information see the testing office of the Student Counseling Bureau.

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

Consult the Bulletin for the options available to complete the following:

Total Credits: 180 quarter hours

CLA Credits: 45 in residence, 30 in senior year

Upper-Division Credits: 75 in total, (B.A. only) 30 outside the major

Quality Standards: Grades of A,B, C, or S in 180 CLA or, in 75 CLA Upper Division, or in the minimum number of Upper Division credits required by the major department (credits of D earned at Minnesota or other institutions after the Summer of 1972 will count toward all requirements other than the foregoing.)[1]

English Composition: Composition 1001/2 or 1011/2 or Comm 1001/2 or exemption[2]

Foreign Language (B.A. only): Route I: complete at least 23 credits in one foreign language, or pass a validation examination at that level. Route II: complete at least 27 credits -- 15 credits in one foreign language or validation at that level and 12 credits (7 for those with 4 years' high school study in one language) in courses concerned with a country or countries that use the language chosen to meet the requirement.

Group Distribution:
- Group A - Communication, Language, Symbolic Systems
  8 to 10 credits (normally 2 courses)
- Group B - Physical and Biological Sciences
  12 to 15 credits (normally 3 courses)
- Group C - Man and Society
  16 to 20 credits (normally 4 courses)
- Group D - Artistic Expression
  12 to 15 credits (normally 3 courses)

[1] A new grading system began in Fall Quarter 1972. CLA students choose for each course (unless specifically prohibited) between A-B-C-D-N and S-N. Under this system the F (fail) grade is replaced by N (no credit), and S (satisfactory) replaced P (passing). The S grade is permitted in 50% of residence credits and S grades count toward the graduation requirements of 180 total credits, 75 upper-division credits, and credits in the major. Credits of D may be used to satisfy particular requirements, for example, the distribution requirements, but not the hour requirements or the major.

Students in CLA are issued a "Student Guide to Grading" which more thoroughly explains the system.

[2] To fulfill the freshman English requirement students may select Communication 1001/1 and 1001/2, a two-quarter interdisciplinary sequence designed to develop a knowledge of the processes and theory of communication.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[1]	x	
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?[2]		
a. minimum number of credit hours		x
b. general education requirements[2]	x	
c. major requirements[3]	x	
d. basic skills requirements		x
e. minimum grade point average		x
f. residency requirement		x

[1] An exception would be independent study.

[2] The Scholastic Standing Committee is a student-faculty group which can make exceptions to the CLA regulations if the personal or

educational welfare of a student is at stake. To consult with a Committee representative, consult the CLA Office.

[3] The major department would be consulted and would need to approve the request in addition to the Scholastic Standing Committee.

SECTION V - STUDENT SERVICES

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	Minnesota Planning and Counseling Center Student Counseling Bureau
veterans[1,3]	Student Counseling Bureau
cultural minorities[1,4]	CLA-MLK Office Student Counseling Bureau
educationally disadvantaged[1,4]	CLA-MLK Office Student Counseling Bureau
physically handicapped[1,5]	Student Counseling Bureau
other special groups:	
health sciences	CLA Office
extension students[6]	Extension Division, Department of Counseling

[1] The services of the Student Counseling Bureau (SCB) are available to all students. These include interviews of students to find out about their academic and life experiences, plans, motivations, and goals; testing, where appropriate; and use of a small occupational library with current book materials on careers and other colleges. Good working relationships are maintained between SCB and the

colleges. Counselors are up-to-date on educational needs and requirements, and satellite counseling offices are being set up throughout the campus to help freshman advisers help students.

Information on jobs and educational programs is available in the SCB Occupational Information Library. A trained vocational counselor assists students in working with this material if they request help.

[2]SCB provides special career counselors for women students and for female members of the community, including referrals from social agencies and ex-students.

Women are also helped by staff members of the Minnesota Planning and Counseling Center (see Resource Centers) in the planning of their academic and vocational careers. A new member of the staff is working with prospective employers in business and professional areas and coordinating their needs with the background of women seeking employment. A regularly scheduled CLA course, "Family Studies 3-015, Life Styles and Educated Women," has been developed by the Center. It is designed to encourage women students to take advantage of the many opportunities available to them.

[3]SCB has a VA contract for vocational and educational counseling of noncollegiate prospective students and UM student veterans.

[4]Career pamphlets, particularly in the health sciences, and programs for minority students are available in the Career Opportunities Program of the HELP Center (see Resource Centers).

Employment information--short-term jobs for students and long-term positions for students withdrawing from school of graduation--is to be found in the CLA-MLK Office, 19 Johnston Hall.

[5] A trained SCB counselor is available for disabled students. This counselor serves as a liaison officer with the Division of Vocational Rehabilitation. A faculty committee and several student groups work to make campus facilities more accessible to the physically handicapped.

[6] The Extension Division Department of Counseling has six full-time trained psychologists who provide counseling for women, veterans, the physically disabled, and other extension students. A fee of $15 is charged for a battery of aptitude, interest, and vocational tests. Advising on course selection and departmental majors is available, and a small career library is maintained. Workshops for "the uncertain" are offered through Continuing Education for Women. Tests of interest, personality, and verbal ability are given and interpreted, and discussion is directed toward vocational and educational opportunities.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Black, Chicano, American Indian, Oriental American[1,2]	Martin Luther King Program Consolidated HELP Center
veterans	-----
women[3]	Minnesota Planning and Counseling Center for Women Continuing Education for Women
physically handicapped	-----
other groups: General College students[2,4,5]	HELP Center Upward Bound-Bridge Program Reading and Writing Skills Program
students needing academic or financial assistance[1,5]	Martin Luther King Program Reading and Study Skills Center (Student Counseling Bureau)
convicts in St. Cloud Prison[6]	Project Newgate

[1] The Martin Luther King Program (MLK) was established in 1968 for UM students in need of academic and financial assistance regardless of race, color, creed, sex, or national origin. The four coordinators of the program are Black, Chicano, American Indian, and Oriental. Not all Blacks at UM are in the program and the white MLK students must meet the criteria noted above. Both groups and all other MLK students must be in financial need.

MLK recruits, offers academic and personal counseling, arranges for tutorial assistance, study groups, and study rooms, provides assistance in planning for financial arrangements (financial aid, budget planning, jobs, work-study), offers information on special learning opportunities, presents career workshops, and handles placement services. Advisers are assigned to students. The MLK program has two offices--for CLS students in 19 Johnson Hall; for General College students in 331 Seventeenth Avenue S. E.

The majority of the students are Black (38% in Fall 1971), but there are American Indians (25%), Chicanos (10%), whites (21%), and Asian Americans (a trace--the ethnic background of 16% of the students in this study was unknown). The majority of MLK students in CLA meet admissions standards; those MLK students not admissible to CLA have the option to enter the General College.

In Spring 1972, 330 MLK students were in the General College, 225 in CLA, and about 75 in other colleges. Students admitted into the General College may later transfer into CLA. Initial admission into CLA is based upon age, work experience, goals, personal interviews, and the recommendation of high school and MLK counselors.

Academic records of CLA-MLK students are reviewed in the special CLA office for these students, using College policy on probation. Students could be kept on probation longer than College rules if the situation warrants. Actually, MLK students seem to do better academically than other CLA students (excluding Honors Program students), probably because of the inadequacy of standard admissions criteria in predicting success, the close contact between CLA-MLK advisers and students, and the students' own ability to persist.

[2] Consolidated HELP Center is a program within the General College which offers supportive services to all MLK and other low-income students. Black and American Indian counselors provide admissions, academic program, and financial advising for students, locate tutorial help, and try to solve problems with the University bureaucracy. A social worker within the Center deals with difficult personal problems, including interceding with the courts or collection agencies. Student aides provide peer counseling and tutorial help. Other staff members help to develop new courses within the General College and work on new curriculum and innovative classroom methods.

[3] Assistance for women is available in two special UM centers, Minnesota Planning and Counseling Center for Women and Continuing Education for Women; in the Student Counseling Bureau; and on two other campuses, Duluth and Morris, through their counseling services. The two UM centers are outgrowths of the "Minnesota Plan," the first educational opportunity program created solely for women in higher education. The purpose of the plan was to design flexible means for women to achieve a college education including special course schedules, refresher courses, interdisciplinary survey courses, and counseling assistance. Initially intended for the mature woman with the capacity to learn who has been out of school for some time, the program expanded into assistance for high school girls, undergraduate women students, and women in the community.

The Minnesota Planning and Counseling Center provides counseling, testing, and help in career planning for women. Its emphasis is on younger women (undergraduate and graduate students, professional women), but mature women are also served by the Center. Included in the Center is an extensive resource collection of documents, books, articles, etc., on women. The collection is open to students and the community. Scholarships are awarded through this center to students in need of financial aid to continue their college work.

Equal opportunity is the Center's basic premise. Staff members work with the community in developing coalitions, setting up symposia, and developing independent study and other academic credit courses at UM. Sex discrimiation complaints are also received and acted upon by this office.

The emphasis of Continuing Education for Women, a program within the UM Extension Division, is on coursework in a variety of forms: credit seminars, regular University courses and night school classes, noncredit short courses, neighborhood seminars, and workshops in reading and study skills. Six three-quarter Liberal Arts Seminars are offered in the daytime and are open to female and male students. Also offered are special quarter courses meeting one morning a week. For complete information on all courses, contact the Department of Continuing Education for Women. Personal, academic, and career counseling and testing services are available in the Counseling Department of Continuing Education and Extension.

[4] The Upward Bound-Bridge program admits high risk students into the General College and offers them intensive supportive services.

[5] The Reading and Study Skills Center (RSSC) is a program for CLA students within the Student Counseling Bureau. In addition to

the individual counseling, RSSC staff teach a two-credit course (Personal Orientation 1-0001) in study improvement.

A Reading and Writing Skills Center which is located on the first floor of Nicholson Hall serves General College students. The Skills Center staff also supervise independent study projects and teach a three-credit course in usage and style which prepares students for the regular General College composition sequence.

[6]General College courses are taught at St. Cloud Prison through the Extension Division. Students in this program, entitled Project Newgate, can be admitted to UM after release from prison. A staff member in the General College office is assigned to help the students.

TABLE 8

Special Services

Services	yes	no	Office to Consult	Comments
Financial Aid			Office of Financial Aid	Financial aid for part-time students may not be at the same rate as for full-time.
state grants	x			
EOG	x			
military scholarships		x		
university scholarships		x		
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid		x		
equal by sex	x			
equal for part-time students	x			
Health Services[1]			University Health Service	Full-time students are required to pay the student services fee; part-time must pay student services fee to use the Health Service.
for spouse/dependents		x		
gynecological services	x			
psychiatric counseling	x			
equal for part-time students		x		

TABLE 8
(continued)
Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance			University Health Service	Pregnancy/childbirth coverage is optional and is charged for beyond student services fee.
including pregnancy and childbirth		x		
for part-time students	x			
Participation in Activities/ Organizations			Vice-President of Student Affairs	
equal for part-time students	x			
equal for women and men	x			
Housing equal for part-time students		x	Director of University Housing	Students should be full time or equivalent. The Housing Office has off-campus approved housing lists.
Child care facilities^2			Women's Center Child Psych. Dept.	Women's Center has information on community centers.
Interlibrary loan			Library	
Recreational facilities			Vice-President of Student Affairs	
Tutorial services			MLK program CLA Departments Counseling Bureau CLA Offices	
Placement Services			CLA Placement Office	
Participation in athletic programs			Vice-President of Student Affairs	Students may participate in intercollegiate sports within Big 10 rules.
Short-term leaves			Admissions Office	There is no formal short-term leave. Students in good standing may return at any time requesting registration materials, possibly in time for advanced enrollment.
Other services				
Campus Assistance Center ^{3}				

[1] Students in Extension classes who register for six or more extension credits (or extension and day credits) may enroll for University Health Service benefits by paying a special fee at the time of registration. For information, read the booklet, "Your Health Service," obtainable at 57 Nicholson Hall.

[2] The Students' Child Care Center at Andrew Presbyterian Church, 729 Fourth Street, S.E., serves 25 preschool children of part- or full-time University students. The hours are 8 a.m. to 5 p.m., Monday through Friday, Fall, Winter, and Spring Quarter; the present rate is 45 cents per hour and 15 cents for each additional sibling for regular attendance.

A day care program run by the Department of Child Psychology has limited space for selected children.

[3] The Campus Assistance Center (CAC), which is staffed by professionals and junior staff members, supplies information and assistance to students and others. It also serves as a referral agency to other student services and a rumor control center.

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted into Program
CLA		
Bachelor of Elected Studies	B.E.S.	yes
Interdepartmental Majors	B.A.	yes
Afro-American Studies	B.A.	yes
American Indian Studies	B.A.	yes
Chicano Studies	B.A.	yes
Cross-Disciplinary Studies	---	no
Special Learning Opportunities	---	yes
University College		
Inter-College Degree	B.S. or B.A.	yes
Experimental College	B.S. or B.A.	yes
University Without Walls	B.S. or B.A.	yes
Living-Learning Center	---	yes
UC 3-075	---	yes
General College		
Bachelor of Applied Studies	B.A.S.	yes
Bachelor of General Studies	B.G.S.	yes

A new experimental program, the Bachelor of Elected Studies (B.E.S.) requires no specific major and no established freshman English, foreign language, or distribution requirements. Students earning the degree must present 180 credits, 75 of them in upper-division courses, and meet the same quality standards as those for B.A. candidates. A limit of 500 students may elect this program each year; selection is by lottery if applications exceed this number. Special B.E.S. advisers assist students participating in the program. For further information, contact the B.E.S. Office in CLA.

The Interdepartmental Major is an option offered through the CLA School of Cross-Disciplinary Studies. The program is an individually designed integration of courses to meet special objectives. For further information, consult an adviser in the Office of Interdepartmental Majors and Programs or any CLA adviser.

CLA has three new departments offering degrees, Afro-American, American Indian, and Chicano Studies (courses began in Fall 1972). A degree program is being planned by the Department of Criminal Justice Studies; at present there is only a certificate in criminal justice, with a major in some appropriate department.

A new program under the School of Cross-Disciplinary Studies (CDS), is open to any CLA freshman, though at this time only 200 students can be admitted. The program consists of a one-year (three-quarter) integrated curriculum of introductory courses centering on a special theme. The theme for 1972-1973 was Man and His Environment. Classes are small, and frequent meetings are planned between students, faculty, and CDS advisers. The courses contribute toward filling CLA's liberal education distribution requirements.

Depending on the success of the 1972-1973 program, CLA expects that 1,000 freshman students eventually will be enrolled in such articulated sequences, but plans that not more than 200 students will be in any one thematic curriculum. The program may continue into the sophomore year.

A number of opportunities are available for student-initiated educational experiences in CLA. These include: 1) "Y" Registration (the content of the course is outlined by the instructor; the student studies it independently; the final examination is taken and other required work is handed in at the prescribed time); 2) "X" Registration (extra credit--1 to 3 hours--is given for individual, intensive study of a topic in the course or a topic closely related to the course material); 3) Credit by Examination (the student prepares for a course without registration in the course; the instructor advises on preparation for the evaluation procedures whether they be examination, papers, or oral review; the fee for each examination is $20, less than the regular quarterly registration cost for a 4-credit course); 4) and 5) Directed Studies and Directed Research Courses (independent work in areas not covered in regular departmental offerings is offered usually under course numbers 3-970 and 3-990; credits range from 1 to 15 hours); 6) Directed Instruction (the student is permitted to help teach a course previously taken; limited to 8 total credits in such registration); 7) Interdepartmental Directed Studies (work is designed by the student and taken in two departments with two instructors; credits may range from 3 to 15). Many of these methods require College, departmental and/or faculty permission.

Several CLA departments offer Honors sections of courses open to students not in the Honors program. Admission is usually contingent upon consent of the instructor. Further information may be obtained from the individual departments.

University College was established in June 1930, and until 1969, it offered only one degree program, the Inter-College Degree Program. Since that time two other degree programs were added, the Experimental College and University Without Walls, and two other units were formed, the Living-Learning Center and the Independent Study course, UC 3-075.

The Inter-College Degree Program (ICP) provides a career alternative for motivated, goal-oriented students who cannot achieve their educational objectives without the assistance of the intercollegiate mechanism. Each program is an individually designed, student-initiated curriculum plan. Admission to the program is based on the quality of the program plan, the student's ability to accomplish the program, and the need for the ICP unit.

There is no prescribed curriculum, but each program must include at least 190 total credits (10 credits more than CLA), at least 75 of which must be upper-division credits. All transfer credits are acceptable including ROTC, nursing, and technical courses. Each program must also meet the University's liberal education distribution requirements for either the B.A. or B.S. degree and the C average graduation requirement.

A study of the student body in Winter 1971 (N= 273 students) revealed an average age of 25, 60% males, and 33% with college work outside UM. The average GPA for Fall 1970 was 2.61 (C+), but 66%

of the students were eligible for honors. Ninety per cent pursued a B.S. degree, and 32% proposed curricula in excess of 200 credits.

Admission involves three to six planning interviews that the student arranges with the program advisers (normally there are three: a University College staff member and two faculty members from two different Colleges). After these interviews the student may never see advisers until the quarter before graduation, at which time the program is checked by a University College adviser.

ICP is not a free elective program for undecided individuals or students seeking to avoid another unit's graduation requirements. Unlike the students in the Experimental College and University Without Walls, to be discussed later, ICP students enroll in regular courses which meet the goals incorporated in their proposals. And unlike the CLA B.E.S. degree, ICP is intended for students who have clear objectives and need advisers only as facilitators to help them secure their program.

The Experimental College (EC) began in 1970, and was approved by the University Governing Council in April 1971. Its proposal is an extension of its title, a desire to produce a cooperative, democratic, self-sufficient (but not isolationist) unit in which students are encouraged to self-directed learning, creative discovery, and self-evaluation.

Interested students must attend at least four meetings with continuing students and a staff member, write a paper answering questions specified by the Experimental College Assembly Committe on Student Admissions, and sign an entry contract which outlines basic regulations and college-wide requirements.

All students are required to engage in learning contracts with staff members, and maintain their own file of work. They share in the weekly meetings of the College seminar for at least the first three quarters of their residence in EC or work with self-selected guidance committees if they have more than three quarters residence. Graduation is by contract embodying past and future work and requires the approval of the Graduation Committee. Criteria for graduation are set by EC and include cross-cultural experiences, two years residence, investigation in depth of at least one area, ability to reason and discourse critically or to express oneself in the performing or visual arts, evidence of original or creative work, ability to understand "the effects of one's scholarship," completion of an academic program involving breadth and integration of various fields, fulfillment of the UM Council on Liberal Education's floor requirements, shared work, teaching group and evaluation experiences within EC, and study "accountable to the social ills and conditions" within which the student lives.

The UM University Without Walls (UWW) program is part of a national UWW program involving over 20 colleges and universities. The UM-UWW program was approved as a pilot project for undergraduate students in April 1971, began operation in Fall 1971, and presently has 50 students.

Students are selected on the basis of clarity of educational objectives, and the fact that physical barriers of geography, personal disability, and other "walls" prevent these objectives from being realized through conventional programs of higher education. UWW must also have the ability to develop ways of meeting these educational goals in order for the students to be admitted. Among these ways are work-study, service learning internships, library research, field study, regular UM classroom and correspondence study, credit by examination, use of adjunct "faculty" from the nonacademic community, video tape and other media including conference-call phone hookups, and focused travel experience.

Students range in age from seventeen to sixty-one. Six of the 1972 student body were chosen from applicants in state or federal correctional institutions. Approximately two-thirds reside in outlying areas of Minnesota, in other states, or outside the country (one student is a Peace Corpsman in Samoa). No required level of previous education is asked, and an applicant need not be a high school graduate. Campus studies are not required, but a personal interview at the time of application is highly desirable. The model student in a UWW survey conducted March 1972 (50 currently enrolled students) was thirty-one years old, married, with 3 children; she/he (27 females, 23 males) had an occupation as a student, social worker, or housewife. The students who responded praised the UWW learning experiences and process, staff, and adjunct faculty. Their most frustrating experiences were communication isolation, slowness in progress, and some personal and learning obstacles.

UWW students do not need a specific total of hours for graduation. Readiness for graduation is determined by a Graduation Committee on the basis of evidence presented by the student in the form of a "dossier" which summarizes the undergraduate work. Graduating students are required to demonstrate competency in five areas: self-directed study skills, communication skills, academic achievement in one or more areas of personal interest, an understanding of how the student's study area relates to the broader contexts of Man, Society, and the Natural World, and skill in a variety of study approaches. In addition, degree candidates are required to submit a contribution which shows that "the student is a contributor as well as a consumer of knowledge."

No grades or credit hour notations are given for UWW work. Students seeking transfer to other UM Colleges or other institutions may send a "narrative transcript" (activities are listed, described, and evaluated by relevant monitors). Transfer within the UM system would be a good deal easier than to other CIC schools, but it is difficult there too.

UWW students pay the same tuition as other full-time UM students, and they are also eligible for financial aid on the same basis as other students. They may participate in any on-campus activities if they wish. For further information, consult UWW, 331 Nolte Center.

The Living Learning Center (LLC) was established in September 1969 as a special program of the University College. It has a threefold mission: assistance of students in conceptualization and implementation of off-campus "independent study" projects; assistance of other UM units in developing innovative programs; and encouragement of the community as a partner in higher education. Credits and grades for LLC-directed projects are awarded on the basis of conditions established between student, instructor, and department. The LLC does not grant credit or offer degrees. The Center is located at 1425 University Avenue S. E.

Over 1,000 students were given advice on independent study problems or answers to questions in various subjects during 1970-1971 at LCC; 67 placements in LLC-related projects and fieldwork were made; 22 group projects involving approximately 488 students were initiated; 26 volunteers for the Teacher Service Corps were recruited; and 35 Intercultural Specialists were located to assist faculty in curriculum development, instruction of courses, and development of community resources. Among many other projects, LCC provided advice to students, job opportunity contacts, physical facilities to help begin community projects, answers to visitors' questions, liaison work between UM and the community in its position as a clearinghouse of information and resource people, advice to students on alternative educational possibilities (including the Experimental College and the University Without Walls), and information on alternative elementary and secondary schools.

UC 3-075 is an independent study course offered within the University College but open to all UM undergraduates. Projects are student-initiated contracts between students and faculty, usually interdisciplinary in nature and involving off-campus resources and experiences. Of the 100 registrations in this course in the academic year 1969-70, 86% resulted in an A or P grade, and the average amount of work was 34.23 hours per credit. Students may register for UC 3-075 for more than one quarter. In no instance may they register for less than three credits, nor may the total of credits using the course number UC 3-075 be more than 15 credits. Proposals must be approved by a faculty member and the University College. For information, copies of the proposal form, and appointments for approval of the proposal, consult the University College Office, 105 Walter Library.

The General College's (GC) programs include A.A. degrees, certificate programs, combined general education and occupational, and two baccalaureate degree programs, the Bachelor of Applied Studies (B.A.S.) and the Bachelor of General Studies (B.G.S.). There were approximately 2,900 students in the College in 1972, of which 150 were in the four-year degree programs.

Admission to GC requires graduation from an accredited high school or its equivalent. Transfers from within the UM system are admitted automatically as long as minimum enrollment is not exceeded. Transfer students from outside the UM system are admitted on the recommendation of a General College counselor.

The B.A.S. and the B.G.S. require 180 credits (an A.A. degree or the equivalent plus 90 quarter credits or the equivalent) with an average of a C or better. Up to 90 credits of the B.A.S. may be from noncollegiate, post-high school work, such as blanket credits from approved vocational-technical schools; up to 45 credits toward the B.G.S. may be from the same sources, provided that these credits were earned before the student's admission to the B.G.S. program. For either major, at least 45 credits earned in the last two years must be in GC courses (including GC Extension courses). Students must meet the all-University requirements for a Bachelor's degree. There is no time limit on completion of either degree. Students may use credit obtained by proficiency examinations, independent study, fieldwork, creative art work, and other special arrangements toward graduation.

The B.A.S. is a degree with a heavy 60-credit area concentration and minimum GC requirements in four categories of knowledge: communication and symbolic systems, physical and biological science, man and society, and artistic expression. This program has a vocational emphasis as indicated by the acceptance of 90 credits from noncollegiate experiences. The B.G.S. is not as occupationally oriented; it puts more emphasis on general education (20 credits each in the four categories listed above) and less on an area of concentration (36 units).

Both programs are individually planned by the students and may include interdisciplinary study, but the major area of concentration must not be available in any other UM College. A student proposal must be approved by the General College. Possible majors range from the performance of music to the problem of poverty. The B.G.S. and B.A.S. require a demonstration of proficiency in the area of concentration in addition to 180 credits. Possible ways of fulfilling this requirement include an original film or piece of creative writing, the presentation of technical expertise, knowledge, and understanding before an interested audience, a research paper or exhibit of original work, or a musical composition or production of a dramatic work. Other ways are also possible and encouraged. For further information, consult the Coordinator of Extended Programs Advising, General College, Room 10, Nicholson Hall.

NORTHWESTERN UNIVERSITY

INTRODUCTION

Northwestern University (NU) students are by tradition bright, and this tradition still stands. The mean high school rank of freshman students admitted to the College of Arts and Sciences (CAS) for Fall 1971 was 89%; the mean SAT verbal and mathematics scores were 589 and 623. It is not surprising, then that 94.5% of the grades given in the CAS in Fall 1971 were A,B, or C.

The campus is in the process of metamorphosis in other ways. Like the new buildings interspersed among the ivy-covered halls, the student body is changing. Although one-third of the students are members of sororities or fraternities, less emphasis is placed on affiliation than in previous years. The minority student population, which is primarily Black, is now more than 9% of the total undergraduate student body. Undergraduates are still young--there are few veterans or older, returning female and male students, probably because of the high tuition rates--but they are more wide-eyed, more committed, and less inclined to do the socially acceptable thing than students in previous years.

Blacks feel that it is almost impossible to be totally comfortable in a white institution, but highly motivated students who are willing to ride out uncomfortable situations will succeed at NU. Black House is a commitment on the part of the University, and it has been a considerable success in its few years in operation (See Resource Centers). Plans are being made to increase the staff by adding a woman counselor, to offer additional programs, and, by encouraging the Admissions Office to accept more applicants, to add to the number of Black students on campus. A department of African-American Studies has been formed in CAS.

Five living units were designated residential colleges in 1972 in an effort to improve student-faculty relationships (see Unique Programs). Two other attempts to increase informal contacts between the students and faculty are the Faculty Associate Program and the system of Student Organized Seminars (SOS). The first program provides faculty members who are assigned to one of four NU dormitories and who participate in this setting in meals, discussions, and fireside presentations. SOS are seminars for college credit organized and planned by students under the supervision of a faculty sponsor.

Other opportunities to break out of the formal teacher-student classroom relationship exist. A number are mentioned in this chapter; these and others are listed and explained in greater detail in a valuable booklet, Academic Options for Undergraduates: A Catalog of Flexibilities.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

NU is geared primarily to the full-time, four-year student. In Fall Quarter 1971, 3,827 CAS undergraduates were enrolled full-time; 67 were part-time students. Students must petition CAS for permission to carry part-time course loads, and generally these petitions are approved only in the case of illness or need to work or, in the case of a senior, need to take less than a full load to graduate. Although there is no admission quota on part-time students, the Admissions Office generally suggests that part-time students attend the NU Evening Divisions in Chicago. In Fall Quarter 1971, there were 2,190 full-time and 5,116 part-time students registered on the Chicago campus. Tuition costs also make part-time registration on the Evanston campus less than desirable. However, a pilot program for part-time students who are older than twenty-five years of age or who have been out of school for five years and have completed at least one year of college is now in the process of being implemented.

There are no special recruitment programs directed toward the itinerant student. Transfer students are accepted into degree programs on the Evanston campus if there are spaces in the program and if the students intend to register for full-time loads. Admissions are tight in the areas of premedicine and the social sciences. There is no admissions quota on out-of-state students.

Special students are those who are not candidates for NU degrees on the Evanston campus. Students apply for this category through the Office of Special Students, but their admission must also be approved by CAS. Although there is no admissions quota [illegible] these students, they are few in number and generally are not allowed to register for courses in the laboratory sciences and other crowded courses including certain social sciences. If at a later date they apply for regular admission as degree candidates and are admitted to CAS, they may use as credit toward graduation courses taken while registered as special students.

Applicants desiring preprofessional coursework in nursing and pharmacy are not eligible for admission on the Evanston campus; they are advised to seek admission in the Evening Divisions. Students who already hold a bachelor's degree are allowed to register for credit on either campus as special students.

Although the Evanston campus has no General Studies Program, CAS does have an Ad Hoc Major (see Unique Programs). The Evening Divisions offer a Bachelor of Science in General Education and a Bachelor of Philosophy, both of which require work in a major field (see Unique Programs).

Exceptions have been made to admissions requirements on the Evanston campus. There is no petition system, and the Admissions Office makes the decisions on exceptions based on the predictable success of a student in a degree program. The key word is competitiveness. Veterans are not admitted because they are veterans, but if they can succeed. A veteran with a C transfer average might be admitted if he showed academic promise, but this would be true of other transfer students. Older students are admitted if they can compete with other NU undergraduates.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	Registrar
students withdrawing from the university	CAS Office
students dropped for academic reasons	CAS Office
prospective freshmen	Admission Office
applicants for transfer	Admission Office
applicants for readmission	CAS Office

SECTION II - TRANSFER OF CREDIT

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions	x		22 course units	See Table 4 for explanation of units.
academic work at provisionally-accredited two- or four-year institutions	x		22 course units	
academic work at unaccredited institutions[1]	x		22 course units	If student receives a total score of 3000 on CLEP General Examination with no score below 500.
academic work at junior colleges	x		22 course units	No technical work is accepted.
United States Armed Forces Institute (USAFI)[2]	x		11 units	
College-Level Examination Program (CLEP)		x		
American College Test (ACT)		x		
Advanced Placement	x		no limit	
educational television[3]	x		5 units	
formal schooling in the military service[2]	x		11 units	
occupational training in the military service		x		
military service	x		6 units	Commissioned Officers receive 6 credit hours for Military Science toward graduation.
correspondence work from own institutions		x		None is offered.
correspondence work from other institutions[3]	x		5 units	
extension courses[3]	x		5 units	
technical-vocational courses		x		
pass-fail from other institutions	x		no limit	

TABLE 2
(continued)

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	ept		m num	
	yes	no	hours	comments
nontraditional methods (learning contracts, community service, etc.)		x		

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions hould be referred to college deans or their representatives.

[1] CLEP General Examinations are used for certification purposes only and do not carry credit toward graduation.

[2] A total of 11 units may count toward graduation in USAFI coursework and/or formal schooling in the military.

[3] A total of 5 units in educational television, correspondence, and extension count toward graduation.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	a[illegible]te		ma[illegible]um	
	yes	no	hours	comments
Coursework:				
after 5 p.m.[1]	x			Not on the Evanston campus.
weekends		x		
campus linkages		x		
workshops	x		no limit	
fieldwork[2]	x		no limit	Coursework in urban affairs, archeology, geological sciences, anthropology.
summer session for degree and nondegree students[3]	x		no limit	Summer Languages Workshop in USSR, Sociology Program, and summer school in Mexico City or Spain.
correspondence		x		
extension		x		
community centers		x		
military bases		x		
veterans hospitals		x		
educational television (campus station)		x		
remedial courses		x		
Examinations:				
English composition		x		
mathematics	x		3 units	Placement Test (maximum result).
foreign languages	x		no limit	
general education requirements	x		3 units	Placement Test (maximum result).
major requirements		x		

CLEP - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Coursework after 5 p.m. is offered in the Northwestern University Evening Divisions, Chicago (see Unique Programs).

Students registered in CAS on the Evanston campus in the same quarter that they wish to take courses in Northwestern's Evening Divisions must have the written permission of a dean.

[2] Urban Affairs Field Study programs are offered on the basis of a full quarter's credit (4 units). Students participate in the work of a neighborhood, community, governmental, or social service agency in the metropolitan Chicago area and in weekly on-campus seminars. Those who wish to pursue their study of urban affairs on an international level may arrange to study at the Center for Intercultural Documentation in Cuernavaca, Mexico.

Fieldwork at the NU Archeological Field School in the lower Illinois River Valley consists of excavation tasks and laboratory assistantships in the zoology, botany, malacology, and archeological labs near the excavation site. Fieldwork in specific geological sciences courses is conducted in the Wisconsin Dells, LaSalle, Illinois, and other near-by areas. Departmental trips are taken to the southern Appalachians, the Ozark and Ouachita mountains, Bermuda, the Rocky Mountains, and the upper peninsula of Michigan. A few seniors have participated in training sessions in linguistic anthropology at the Navajo Indian Reservation, Tonalea, Arizona.

For information on workshops, study abroad, undergraduate seminars and colloquia and independent study, see the course timetable, the Bulletin, Academic Options for Undergraduates, the various departmental offices, or the CAS Office.

[3] The CIC summer study program in Mexico City offers coursework

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

Consult the Bulletin for the options available to complete the following:

Residence

Coursework is measured in units rather than by quarter hours. Of the required 45 quarter courses (or 45 units), the last 23 must be taken while the student is enrolled as an undergraduate at NU; and the student must be enrolled in the College of Arts and Sciences for the last three quarters preceding the granting of the degree. (It is the 23 course requirement of residence that restricts the student transferring more than 22 quarter courses at NU).

Courses in the College

Not more than 11 quarter courses (or 11 units) of the required 45 may be outside of CAS. Qualified students may with the prior approval of the Faculty take their junior year abroad or take work at another institution in Summer Session between the junior and senior year.

Grade Point Average

The work done under the College Faculty and offered to meet the requirements for a degree may not average lower than C. Not more than one-fifth of this work may be of grade D. No work passed with a grade of D may count in satisfaction of a program of major study including any A-level (freshman and sophomore) course prerequisite to a course required in the departmental unit or any related subject.

For Transfer Students

A transfer student is required to complete the equivalent of at least four one-quarter upperclass (C-level) courses in the department of his major. If the department of his major requires only three upperclass (C-level) courses, the student is required to complete three C-level courses and at least one one-quarter B-level course at NU.

General Education

1. Program of Introductory Studies - 2 one-quarter courses
2. Classical or Modern Foreign Language - preparation equivalent

TABLE 4
(continued)

to the completion of the second-year college language course in any classical or modern foreign language listed in the Bulletin.

3. Fine Arts, Literature, Music - three quarters of work

4. Natural Science and Mathematics - three quarters of work

5. Social Sciences - three quarters of work

6. History, Philosophy, Religion - three quarters of work

7. Work Outside the Major - six quarters of work outside the area of the student's major must be in B- and C-level courses (junior and senior level).

Notification of Graduation

Students must notify the College one year prior to the time they intend to graduate.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?[1]		x
3. Does correspondence work taken at your university count toward residency?[2]		x
4. Must the student by physically present on campus to earn residency credit?		x
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements		x
c. major requirements[3]	x	
d. basic skills requirements		x
e. minimum grade point average		x
f. residency requirement[4]	x	

[1] After five years a student must complete new graduation requirements.

[2] No correspondence work is offered at NU.

[3] The major department considers appeals.

[4] The CAS Faculty Committee on Appeals considers all requests for waivers.

TABLE 6

Career Counseling

Student	Office to Consult
women [1,2]	Student Guidance and Counseling Service The Placement Office
veterans[1]	Student Guidance and Counseling Service The Placement Office
cultural minorities[1,3]	Student Guidance and Counseling Service The Placement Office
educationally disadvantaged[1,3,4]	Student Guidance and Counseling Service The Placement Office
physically handicapped[1,5]	Student Guidance and Counseling Service The Placement Office
other special groups: health sciences[1]	Student Guidance and Counseling Service The Placement Office

[1] Career guidance is a major thrust of the Student Guidance and Counseling Service (SGCS). The new director of SGCS assumed the position in Spring 1972, and the vocational programs are now in the process of organization. In the works are a follow-up study of CAS alumni to see what type of jobs were obtained by various majors, handouts on how to prepare a resume, orientation sessions on the Medical College

Admission Test, the Law School Admission Test, and the Graduate Record Examination, and vocational inventory testing. NU students and faculty have expressed a need for increased breadth and amount of available on-campus psychometric services, such as personality testing and aptitude/interest testing, and presumably SGCS will be the appropriate agency for this service.

In a recent survey of NU student services, only 18.6% of the NU student body reported using the SGCS office. The office is making efforts to publicize its services and to get its counselors out to meet students in dormitories and other congregating areas. The staff is small, but young, enthusiastic, and energetic, and with the addition of an articulate director, the clientele and the service should improve rapidly.

The Placement Office also provides job counseling for students, but most particularly for seniors who wish help in selecting positions upon completion of their degree programs.

[2]The director of SGCS, a woman, is putting together some chalk talks about women and their goals and life-styles. She and another female counselor plan to prepare career information for women on various professions including the health sciences. Special career counseling for women in the areas of medicine, law, and other professions would seem a necessity: in a survey of graduating seniors in the NU June 1971 class, 66% of the male students planned to continue their education in graduate (22%) or professional (44%) school; 43% of the female students planned to attend graduate (29%) or professional (14%) school; 15% of the men and 43% of the women planned to go to work only.

[3] A limited amount of career counseling is available in the Department of Minority Affairs at Black House. Counselors help students choose majors and future professions based upon interests and aptitudes, but students are sent to SGCS for testing. Counselors also assist students in finding jobs during their campus careers and after. There are some pamphlets available on careers, and Black House representatives work with the Placement Service in the area of job selection.

[4] SGCS services in the area of development of reading skills are offered to educationally disadvantaged students, including those with low SAT verbal scores.

[5] SGCS services are available to the physically handicapped students on campus. Northwestern's buildings do not have ramps. Some assistance is available, but a student in a wheelchair could not be helped enough, and someone permanently on crutches would have difficulty.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Black[1]	Office of Minority Affairs
veterans	-----
women[2]	-----
physically handicapped	-----

[1] The NU Office of Minority Affairs was instituted in 1968. Its staff, headed by a Director who is also Associate Dean of Student Affairs, may be found at Black House, 1914 Sheridan Road. The Office deals with student problems: academic difficulties due to lack of sufficient high school preparation, financial needs, and social problems. It does not recruit students; recruitment remains a function of the Admissions Office. There are no Chicano or Indian students in the program.

Black students are chosen on their potential to succeed at NU, and success means graduation. A large percentage of these students are from Chicago and the surrounding area, although some attempts have been made to recruit Blacks from the South. These students would probably be considered "high risk" only in terms of NU standards. Their grades and ACT composite scores are average to high for their high school graduation class. Transfer students are also in the program, but not many veterans or older students. However, military service would be counted as a positive factor in admission of a Black student into the University.

The program cooperates with CAS and other undergraduate colleges in identifying students with academic problems. Counselors work with these students to attempt to find the reasons for the problems and to provide tutoring where needed. The counselors have also worked with the various schools on the Evanston campus in helping to determine the academic status of the students. The program has a high retention rate due to the type of student admitted and the supportive services offered.

Social activities help to bridge the cultural gap at NU. A theatrical group, two radio programs, a choir, and several social organizations for students are based at Black House; guest lectures and seminars are planned here as well as social functions and community projects. Personal problems are also dealt with; for example, counselors can work with the Housing Department if uncomfortable dormitory arrangements disturb a Black student.

[2]There is no campus center for women. WOC, Women Off Campus, is a student group organized to give community women an opportunity to know each other, to provide social functions, and to participate as a group in student affairs.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid[1]				
state grants	x		Office of Financial Aid	In 1972-73 Northwestern is providing $4 million of its own funds as grant money for undergraduates.
EOG	x			
military scholarships	x			
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
Guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services				
for spouse/dependents		x	University Health Service	Students must be registered for two or more courses. Students with fewer than two courses may use the health service by paying a fee.
gynecological services	x			
psychiatric counseling	x			
equal for part-time students		x		

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance			Dr. Leona Yeager Searle Hall	Students must be registered for two or more courses. Students with fewer than two courses may have the insurance by paying a health fee.
including pregnancy and childbirth		x		Optional insurance is available for dependents.
for part-time students	x			
Participation in Activities/ Organizations			Dean of Students	
equal for part-time	x			
equal for women and men	x			
Housing			On Campus and Off-Campus Housing Office	Part-time students may not live in dormitories.
equal for part-time		x		
Child Care facilities			Black House	The Office of Minority Affairs organizes a baby sitting service for Black students; lack of space and qualified people presently prevents day care services.
Interlibrary loan			Library	
Recreational facilities				A student union opened in September 1972 with increased recreational facilities for students.
Tutorial services[2]			CAS Office; Departments; Office of Minority Affairs	
Placement services			Placement Office Student Affairs Office	
Participation in athletic programs			Dean of Students	Big Ten rules apply to intercollegiate sports.
Short-term leaves			CAS Office	Any student leaving in good standing may return without application procedures.
Other services [3]				
Student Organized Seminars			Student Government	

[1] Transfer students, except those who have graduated from junior or community colleges, do not become eligible for financial aid until they have been on campus for at least two quarters.

Students are provided with financial aid by the University according to need. At the beginning of Fall Quarter of each year, Black students who feel that they have not received adequate financial aid may petition for more funds through the Financial Aid Committee of For Members Only (FMO), a student organization. Selected kinds of other financial assistance in the forms of loans are available through FMO.

[2] Tutorial services are provided for Black students through the Office of Minority Affairs. Tutors are available at Black House in the areas of mathematics, foreign languages, and chemistry and within the various CAS departments.

[3] Student Organized Seminars were discussed in the introduction to this chapter. In most cases, five to ten students cooperate in the seminar. Plans are submitted for approval to the SOS Committee of the Associate Student Government. Students are limited to one seminar per quarter.

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
The Ad Hoc Major Program	B.A.	yes
Three-Year Degree Program	B.A.	no
Four-Year B.A./M.A. or B.A./M.S. Program	B.S. or B.A.	yes
Honors Medical Program	B.S./M.D.	no
Residential Colleges	B.A.	yes
Interdisciplinary Programs	B.A.	yes
Evening Divisions	B. in Philosophy or B.S. in General Education	yes

The Ad Hoc Major Program is a degree program in which a student may develop his or her special interest if it is not satisfied by one of the established majors in CAS. The student must seek a faculty adviser in a department related to the field of interest and must, with faculty consultation, submit a plan to the CAS Curriculum Committee for approval. For information, see a CAS counselor.

The three-year degree program, which commenced in Fall 1972, is not open to transfer students. Students for this program are selected by CAS. They are granted nine units of elective credit upon entrance into the College, and then follow a normal four course per quarter load until graduation.

Combined bachelor's and master's degree programs are offered in the following departments: Biology, Chemistry, Classics, French and Italian, German Language and Literature, Mathematics, Slavic Languages and Literatures, and Spanish and Portuguese. In the School of Speech this option is offered by the Department of Public Address and Group Communication.

The Honors Medical Program is not open to transfer students. It is designed for highly talented high school students who should be able to qualify for advanced placement in chemistry, mathematics, and one of the humanities, on the basis of superior achievement in high school and on placement examinations. The first two years of the Program are spent in CAS; at the completion of the first two years, the student moves to the Medical School on the Chicago campus as a member of the regular first-year class. At the end of four years in the Program, the student qualifies for a B.S. degree in medical science; at the end of six years, for the M.D. degree. For information, see the Admission Office.

Five living units which serve as residential colleges were in operation in Fall 1972. More than 700 undergraduate students and faculty members participated in the five programs. The colleges were designed to incorporate the features of classroom, seminar, academic counseling, and group projects into a college living arrangement.

Lindgren College opened in September 1971 as a prototype of the NU residential college. It, Shepard College, and Willard College are nonthematic units; that is, they are characterized by their programs of social activity, (nonrequired) seminars, and forms of self-government rather than by a particular interest in one academic area. Two thematic colleges have specialized interdisciplinary programs in the areas of urban studies and religion and philosophy. The Community Studies College offers a core of academic courses, fieldwork, and seminar discussions centered around the understanding of human problems revealed in the urban situation. The second college emphasizes independent investigation of religious, philosophical, moral, and ethical issues; the program of the Philosophy and Religion College consists of informal seminars, dinner discussions, and lectures developed by students and faculty within the College.

Membership in the five colleges is open to all undergraduate students, and includes a group of nonresident associate members as well as residents. Residential college applications are available in the NU Housing Office.

New interdisciplinary majors in CAS include General and Comparative Literature and Russian Civilization. There are new interdisciplinary majors in Applied Mathematics and Biomedical Engineering in the Technological Institute. Flexible interdepartment programs are also available in the Geography, Geological Sciences, and Sociology Departments.

The Evening Divisions of Northwestern University offer courses for the nondegree student and complete degree programs. The minimum requirement for admission in the Divisions is high school graduation, but this requirement may be waived for qualified students who are over twenty-one years of age.

A maximum of 60 semester hours of credit from accredited junior colleges may be transferred to the Evening Divisions. A maximum of 15 semester hours of credit in correspondence work from accredited institutions and a maximum of 15 additional semester hours of credit may be transferred. Approved credit for military training and for CLEP examinations may also be transferred or earned, but only a total of 30 semester hours of nonresident credit may be transferred, including military credit. No correspondence work credit is accepted in speech, laboratory science, or foreign language.

Degrees are granted in Anthropology, English, Fine Arts, History, Mathematics, Personnel Work, Philosophy, Political Science, Psychology, Sociology, and Spanish. For further information, contact the Office of the Dean, NU Evening Divisions, 399 East Chicago Avenue, Chicago, Illinois 60611.

OHIO STATE UNIVERSITY

INTRODUCTION

There are students on the campus of Ohio State University (OSU) from every state and from seventy countries in the world. In such a heterogeneous student body, most people could find a subcommunity to their liking; but the undergraduates are still predominantly eighteen to twenty-two-year-olds, and for the older, returning student there is a certain amount of cultural shock. The answer to the problem--given by a housewife who returned to school after fifteen years and received a B.A. degree--is to be aggressive, take the initiative. There are many resources for students at OSU. But it is a big university (over 50,000 students), and the student must seek out help.

The largest state university in Ohio, and the state's only land-grant college, OSU ranks eighth in the nation in the number of doctorates conferred. There are sixteen colleges and the Graduate School. Five of these, the College of the Arts (including the School of Music), the College of Biological Sciences, the College of Humanities, the College of Mathematics and Physical Sciences, and the College of Social and Behavioral Sciences (including the School of Journalism), are joined in one unit, the Colleges of the Arts and Sciences (CAS).

Communication systems in a large university need to be comprehensive. Happily, OSU is a pioneer in the development and utilization of various types of media as teaching devices (see Resource Centers) and for student services. The Hourly Report provides daily information via both a closed circuit television system and Channel 1-2-3 of the Listening Center. Information Central, a telephone system operating from 8:00 a.m. to 5:00 p.m. Monday through Friday, has immediate answers to student questions. The student newspaper, the newsletter published by the Student Affairs Office, various fact sheets published by the University, the CAS Bulletin, and a student services handbook are further sources.

The development of learning resources has also led to a unique service--a computer-based library system in which books may be charged or renewed by telephone. Books may also be mailed through this system to anyone with a campus address.

Unlike Bloomington or Urbana-Champaign, Columbus is not a college town. The metropolitan area has a population of over 900,000. OSU students, like other students at large state universities, have access to extensive entertainment and recreation programs on campus. But in addition, the resources of a big city are theirs; these include the programs of the Columbus Symphony Orchestra, the civic auditorium, a summer playhouse and the year-round Ohio Theater, a number of city parks and recreation facilities, and two new professional sports teams, the Columbus Bucks (Midwest Football League) and the Columbus Golden Seals (International Hockey League). In other areas, too, students benefit by their presence in a metropolitan area. Older students or veterans find in Columbus an area away from campus in which to work and live fairly comfortably even if they would be ill at ease living in a residence hall.

OSU is waking up to the fact that it has become an urban university. It is enlarging and intensifying its minority programs (see Resource Centers); it has begun a furlough program for convicts so that they may take classes and be housed in Columbus during their period of coursework; it has a cooperative program with Columbus Central High School whereby high school equivalency credit is obtained through concurrent registration at the high school while attending OSU; the CAS is discussing new degree alternatives including A.A. and three-year General Studies degrees (see Unique Programs) and expanded evening course offerings. At present there are few evening classes, and trying to schedule school and full-time work is difficult if not impossible.

CAS, the confederation of five colleges, began in January 1968 as a means of maintaining both departmental autonomy and college standards, encouraging interdisciplinary programs, and improving, in general, the quality of academic programs at OSU. The most optimistic note at the University is a message contained in Trends in Undergraduate Education, a report of the Curriculum Committee to the CAS faculty in April 1972: "schooling lasts too long and learning ends too soon." Throughout the University, ways to shorten degrees and lengthen educational opportunities are being examined and discussed.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

Itinerant students are not actively recruited by OSU. Minority students are recruited through the Freshman Foundation Program (see Resource Centers).

All freshman students are enrolled in University College. Within the College they are permitted to designate their choice of prospective degree college or remain undecided by enrolling in the General Baccalaureate Studies Curriculum of University College. They transfer to the college of their choice after a minimum of one year's work. Students transferring to the Colleges of the Arts and Sciences must meet certain conditions: they must have earned a minimum of 48 hours of University credit; must be eligible for admission to the next quarter, according to University rules; must have completed English 100; and must have declared a major program of study offered in CAS. Students not prepared to declare a major may remain in University College until they have earned 90 credit hours.

Students enrolled in CAS must pursue a degree program, and those enrolled in University College are also potential degree candidates. However, opportunities for registering in undergraduate credit courses are offered to two categories of nondegree students: adult special and transient. Adult special students may or may not already have college degrees, but they are not pursuing a degree at OSU. Transients are students in good standing at a recognized college or university who wish to enroll at OSU for one quarter only. Both types are not enrolled in any college; they are students enrolled in the Division of Continuing Education. There is no limitation on course selection or number of courses, and there is no admissions quota on these students. Credit for courses pursued in this division may be transferred to a degree program at a later date after application and admission to an OSU college.

Students who already hold a bachelor's degree are allowed to register as adult special students, or as regular students in CAS if they are pursuing a second baccalaureate degree. If the purpose is to work toward a second baccalaureate, a student must work in a different degree area; for example, if a student has a B.A., he or she must work toward a B.S. degree. To earn a second degree, the student must complete 45 quarter hours of work after the awarding of the first degree.

There is no General Studies degree at OSU, but CAS offers a Personalized Study Program (see Unique Programs). Students need not pursue full-time study, and there is no admissions quota on part-time students. There is also no admissions quota on out-of-state students; however, state residents are given admissions preference.

Exceptions to stated admissions requirements are made in the Admissions Office. Veterans and, occasionally, older students have been allowed to enter the University without having presented the official admissions requirements. Appeals should be addressed to the Director of Admissions.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	University College (freshmen) CAS Office (sophomores, juniors and seniors)
students withdrawing from the university	University College (freshmen) CAS Office (sophomores, juniors, and seniors)
students dropped for academic reasons	University College (freshmen) CAS Office (sophomores, juniors, and seniors)
prospective freshmen	University College
applicants for transfer	Admissions Office (general information) Major Department (specific curriculum information)
applicants for readmission	University College (freshmen) CAS Office (sophomores, juniors, and seniors)

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions[1]	x		no limit	
academic work at provisionally-accredited two- or four-year institutions[1]	x		no limit	The school must have a B or C rating in AACRAO. Consult the Admissions Office.
academic work at unaccredited institutions		x		
academic work at junior colleges[1]	x		no limit	No technical work.
United States Armed Forces Institute (USAFI)[1]	x		no limit	
College-Level Examination Program (CLEP)	x			General: Math only-10 Q.H. Subject: variable credit.
American College Test (ACT)		x		
Advanced Placement	x			Variable by departments.
educational television[1]	x		no limit	From an accredited institution.
formal schooling in the military service[1]	x		no limit	
occupational training in the military service		x		
military service	x		30 Q.H.	Consult the Admissions Office.
correspondence work from own institution		x		None is offered.
correspondence work from other institutions[1,2]	x		30 Q.H.	See footnote 2.
extension courses[1,2]	x		30 Q.H.	See footnote 2.
technical-vocational courses		x		
pass-fail from other institutions	x		no limit	Every pass grade is converted to a C.
nontraditional methods (learning contracts, community service, etc.)		x		

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

[1] At OSU, credit is evaluated by the Admissions Office. Credit accepted by this Office is accepted by the colleges toward the B.A. or B.S. degree, if only as elective credit.

Transfer credit must be C work or better. The only exceptions are sequential courses in which one D grade may be accepted if the last grades in the sequence are C or better and pass-fail grades from other institutions, which would be automatically converted to C in computing grade point averages for admission.

[2] A total of 30 quarter hours is accepted in correspondence and extension courses.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum hours	comments
	yes	no		
Coursework:				
after 5 p.m.	x		no limit	No formal night school. A few courses are offered at night.
weekends		x		
campus linkages[1]	x		no limit	All branch campuses; Wooster Agriculture Institute of Technology (2-year degree).
workshops				None offered in Arts and Sciences; available in education courses.
fieldwork[2]	x			Courses offered in biology, geology, geodetic sciences, astronomy, archeology.
summer sessions for degree and nondegree students	x			Continuing Education.
correspondence		x		
extension	x		30	
community centers			no limit	Not at Columbus; offered at branch campuses.
military bases		x		
veterans hospitals		x		
educational television (campus station)		x		
remedial courses[3]	x			Freshman Foundation students only.
Examinations:[4]				
English composition	x		45	
mathematics	x			
foreign languages	x			
major requirements	x			At least 20 quarter hours must be taken at OSU.

CLEP[4] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Ohio State has regional campuses at Lima, Mansfield, Marion, and Newark where the first two years of undergraduate education are provided. A linkage is maintained between OSU's College of Agriculture and Home Economics and the Agricultural Institute at Wooster. For information, see the Admissions Office.

[2] OSU's Franz Theodore Stone Laboratory, founded on two islands in Lake Erie in 1896, is one of the oldest fresh-water biology stations in the United States. It provides a summer instruction laboratory for advanced undergraduate biological sciences majors. The Ohio Agricultural Research and Development Center, located at Wooster, also has laboratory and field facilities. Other research laboratories in the field and on campus include the Neotoma Ecological Laboratory in the Hocking Hills area of Ohio, the Center for Lake Erie Area Research (CLEAR), the summer program in acarology sponsored by the National Institutes of Health, the Ohio Cooperative Fishery Unit, and the Ohio Cooperative Wildlife Research Unit. For information on fieldwork and Individual Studies courses, see the quarterly course timetable, the CAS Bulletin, the various departmental offices, or the CAS Office.

[3] Remedial courses in mathematics and English composition are available for credit to students in the Freshman Foundation Program (see Resource Centers). Other students may audit courses for no credit. There are also three credit courses especially designed for foreign students.

[4] Credit by Examination is a program administered by the University Testing Center. Proficiency examinations are given without

charge in certain CAS subjects including courses in anthropology, astronomy, biology, chemistry, English literature, geology, history, mathematics, physics, psychology, speech, and zoology and in Chinese, classics (Latin and Greek), German, Japanese, romance languages (French and Spanish), and Russian. These tests are administered in the University Testing Center, according to a quarterly schedule printed in "An Invitation to Earning." Other examinations are given by individual departments in several areas of biological sciences and in geography, mathematics, and music, also without charge.

The CLEP General Examination in mathematics is approved for EM credit (examination credit); a number of CLEP Subject Examinations are also approved for credit and are listed in "An Invitation to Earning." The CLEP General Examinations must be taken at a CLEP testing center; the Subject Examinations are administered at the OSU Testing Center. A fee of $15 is charged for each Subject Examination.

By University rule, a student may earn 45 quarter hours of credit by examination, and more than that by special permission of the College. At least 20 hours of the major must be taken at OSU except by permission of the major department.

TABLE 4

University and College Graduation Requirements

Consult the Bulletin for the options available to complete the following:

Basic Education

I Skills & Understanding of Literacy and Communication - 8-10 hours

Foreign Language - proficiency at the level of the fourth University course or its equivalent

II Skills and Understandings of Analysis and Interpretation: Symbolic Communication - 10 hours

III Man in the Historical Stream - 10 hours (B.A.), 5 hours (B.S.)

IV Man's Environment: Physical and Biological - 20 hours (B.A.), 25 hours (B.S.)

V Man's Environment: Social and Behavioral - 15 hours

VI Man's Humane Achievements - 15 hours

Maximum Hours in a Department

65 (B.A.), 75 (B.S.) Hours completed in a department in excess of those permitted will be added to the minimum total hours required for graduation.

Minimum Hours for the Degree

196 quarter hours

Grade Point Average

A cumulative point-hour ratio of at least 2.00 (on a 4.00 scale) on all work attempted at Ohio State University.

National Defense Option

A. 12 hours of military science, air force aerospace studies, or naval science; or

B. 12 hours of courses not otherwise specified in the degree requirements of the selected curriculum.

Physical Education

Students must earn three quarters of credit in physical education as outlined for men and women in the Bulletin.

TABLE 4
(continued)

Health Education

(One credit hour in health education is no longer required.)

American History

The student who lacks one high school unit in United States History or History and Civil Government must complete one five-hour course in American History; the credit so obtained is applied toward the degree.

The Major

The student must complete all course requirements for the curricula prescribed for the degree. A minimum of 40 hours of credit in related work must be in courses numbered 200 and above--with a minimum of 20 hours in the department of the major. No course in which a student earns less than a C grade may be used to satisfy this requirement.

Combined Curricula and Specialized Curriculum in Dental Hygiene

For these specialized programs, see the Bulletin and consult a College counselor. These programs should be elected early in the college career, preferably no later than the end of the freshman year.

Preprofessional Programs

A student in the Arts and Sciences, who is working toward admission to a professional college, is expected to complete the fixed requirements for the bachelor's degree. Students interested in guidance in preparation for professional degrees should see the Bulletin and a College counselor.

Residency

45 quarter hours must be earned through regular course enrollment at Ohio State University. Further, the last two full-time quarters (those in which a student is enrolled in 12 or more quarter hours) must be completed in the College of Arts and Sciences.

Filing for the Degree

Proper filing of an application for the degree is required three quarters prior to the quarter in which the degree is to be granted.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?[1]		x
4. Must the student be physically present on campus to earn residency credit?[2]		x
5. May the residency be fulfilled during Summer School sessions?[3]	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements[4]	x	
c. major requirements[5]		x
d. basic skills requirements		x
e. minimum grade point average		x
f. residency requirement[6]		x

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[1] No correspondence courses are offered.

[2] Individual Study credit may be earned off campus. Also see the discussion of fieldwork in Table 3.

[3] OSU operates on a four-quarter academic calendar.

[4] These requirements are waived on occasion by the Faculty Petitions Committee on the basis of equivalent experience or, for the foreign language requirement, hearing deficiency or psychological block.

[5] The minimum hour requirements (40 in related work, 20 in the department) are never waived.

[6] The CAS requirement may be waived; the University requirement is never waived.

TABLE 6

Career Counseling

Student	Office to Consult
women[1]	University Counseling Center
veterans[1]	University Counseling Center
cultural minorities[1,2]	University Counseling Center Office of Minority Affairs
educationally disadvantaged[1,2]	University Counseling Center Office of Minority Affairs
physically handicapped[1,3]	University Counseling Center
other special groups:	
married students[4]	University Counseling Center
older, returning students[4]	University Counseling Center
Appalachian whites[4]	University Counseling Center
ex-convicts[4]	University Counseling Center
dismissed students[4]	University Counseling Center

[1] The University Counseling Center (UCC) divides its services into career planning, reading and learning skills, personal and social concerns, and services for disabled students. Over 50% of the Center's clientele are interested in career planning. Individual and group counseling sessions are offered to assist students in selecting a major, in deciding on the advisability of changing colleges, and in choosing a career. Aids include vocational and interest tests, a vocation information library, and designated career counselors.

[2] Career planning for minority and educationally disadvantaged students is a responsibility of the Office of Minority Affairs (see Resource Centers). Both this Office and UCC have also provided counseling to Freshman Foundation Program students in the area of reading and learning skills.

[3] There are approximately 600 handicapped students on the OSU campus. UCC works with the Rehabilitation Services Commission and other similar agencies to facilitate enrollment and adjustment to the campus as well as to offer career counseling.

[4] UCC provides counseling for other special groups including married students; older, returning students and veterans in need of improving reading skills; Appalachian white students adjusting to unaccustomed social situations; ex-convicts; and dismissed students. It has also assisted the Office of Minority Affairs by providing crisis intervention teams in the residence halls to avoid racial tensions. The Center began life-planning workshops in 1972-1973 with an emphasis on role-playing and role priority.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Blacks[1]	Office of Minority Affairs: Project 100 Freshman Foundation Program
veterans[2]	Veterans Center
women[3]	Off-Campus Student Association, Assistant Dean of Students Office
physically handicapped	-----
other groups:	
students in general[4]	Office of Learning Resources
non-University handicapped[5]	Office of Learning Resources

[1] Project 100, a recruitment program within the Office of Minority Affairs offers financial and educational assistance to 117 students who entered OSU in September 1970; of these, 95 students were still enrolled Spring Quarter 1972. Academic and personal counseling and tutoring are also available to the students.

Another program of the Office of Minority Affairs is the Freshman Foundation Program (FFP). FFP provides academic advisers and tutors, study sessions, financial aid, and a peer-counselor program for incoming freshmen. If needed, specially-designed courses in English and mathematics are taken by FFP students. As of May 1972, 450 students had been recruited for September 1972; the students are Ohio residents, representing over 95 high schools.

[2] The Veterans Center, located in the Student Services Building, counsels students regarding educational benefits. An OSU Veterans Association is also open to students.

[3] There is no women's center on campus. However, Assistant Dean of Students Barb Watts works with women's activity groups, one of which, the Off-Campus Student Association, is particularly concerned with commuter students. The Women's Week Planning Committee sponsored its first six-day program in April 1972. The program, "Women at the Crossroads," included films, lectures, workshops, and theatre. One day was designated as Careers Day, on which OSU and community women discussed job opportunities in business, professions, and other areas.

[4] The Listening Center is an instructional service administered by the Office of Learning Resources. Students may "dial" their homework in the form of an audio or video tape-recorded lesson in foreign languages, English literature, speech, biological sciences, music, and other areas. High-fidelity lines radiate from the Listening Center's main office to student carrels in about 37 campus buildings and fraternity and sorority houses. The Learning Resources Computer Center also has computing facilities for educational services. A Computer Assisted Instruction facility allows for a self-instruction dialogue between a student at a typewriter terminal and a computer-stored course. More than 20 courses are

fully operational in this program, and 30 more are being developed.

The Learning Resources Center for University College students on the west campus opened in Fall 1972. The downstairs area of this Center holds carrels with closed-circuit TV, dial-access carrels, and carrels which can be used with slide and film strip projectors.

OSU will develop new education programs for the handicapped of all ages through the establishment on campus of a new National Center on Educational Media and Materials for the Handicapped. The NCEMMH program will consist of teacher workshops, training packages, and a computer-based information system.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid				
state grants	x		Office of Student Financial Aids	Generally financial aid is more available to full-time students.
EOG	x			
military scholarships		x		
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services	yes	no		
for spouse/dependents		x	University Health Service	
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance				
including pregnancy and childbirth		x	University Health Service	Optional coverage for pregnancy and childbirth. The company is Continental Casualty. Claims Office: 230 East Town Street, Columbus, Ohio.
for part-time students	x			
Participation in Activities/ Organizations				
equal for part-time students	x		Dean of Students Office	Individual organizations may have restrictions on part-time status for officers.
equal for women and men	x			
Housing				
equal for part-time students	x		Office of Student Housing	
Child care facilities[1]			Dean of Students Office	OSU Child Care Center. Child Development Center.
Interlibrary loan			Undergraduate Library	
Recreational facilities[2]			Ohio Union; University Recreation and Intramural Sports Office	
Tutorial services			CAS Office; CAS Departments	Certain student groups also tutor. For information, consult the Dean of Students Office.
Placement services			Brown Hall (for CAS)	

TABLE 8
(continued)

Special Services

Service	Office to Consult	Comments
Participation in athletic programs	University Recreation and Intramural Sports Office	Big Ten rules for intercollegiate sports. Intramural sports for all students.
Short-term leaves[3]	Office of Admissions	
Other services		
Ombudsman[4]	340 Ohio Union	

[1] Facilities are available in the OSU Child Care Center for students, faculty, and staff. A cooperative facility is available in the Child Development Center for the College of Home Economics.

[2] During Summer Quarter, students must carry a full-time course load to use the facilities. At present, recreational facilities are not sufficient at OSU; more are being built.

[3] There is no formal leave of absence. Any student who is eligible for readmission should write the Office of Admissions requesting schedule cards.

[4] The University Ombudsman is charged with the responsibilities of receiving and attempting to resolve grievances of students and other members of the University community and recommending procedural changes within the University system.

the PSP Committee. For an application form, see the PSP counselor in the CAS Office.

Honors Program Students may elect an Individualized Plan of Study (IPS). This plan allows students to elect courses at a level above those ordinarily required outside the major field and to construct interdisciplinary academic programs.

The PSP and IPS programs are not advantageous to the itinerant student who is too far along in meeting the basic requirements for a baccalaureate degree. They are more beneficial to students at the beginning of their sophomore year.

Students interested in combining courses offered in CAS and other colleges may elect one of five combination curricula: Arts and Sciences - the Arts; Arts and Sciences - Dentistry; Arts and Sciences - Education; Arts and Sciences - Graduate; and Arts and Sciences - Medicine.

For Arts and Sciences - the Arts, the candidate must meet the specific requirements of two degree programs in CAS and in the College of The Arts, and must secure credit for 30 hours beyond the total required in either curriculum. The Arts and Sciences - Education curriculum requires a minimum of 13 quarters. To be eligible for the two degrees, B.A. and B.S. in Education, the student must complete the specific requirements of the programs and have 30 hours of credit beyond the total hours required in either curriculum. Students may enter these two combined curricula upon satisfactory completion of the admissions requirements stated in the CAS Bulletin.

Admission to the Combination Curricula of Arts and Sciences - Dentistry, - Graduate, and - Medicine is dependent upon scholarship and personal qualifications. The professional degree programs lead to the awarding of the B.A. and D.D.S. or M.D. in seven years.

The Arts and Sciences - Graduate combination leads to the simultaneous awarding of the B.A. and M.A. degrees. Students who have completed the University and College general requirements and have passed 151 quarter hours work with cumulative averages of 3.500 (B+) may apply for admission. The combination consists of four or five quarters of full-time work. There need be no registration for particular courses and no quarterly report to the Registrar of grades or credit earned; the student merely registers for Arts and Sciences 750. Graduation requirements include the writing of a thesis and a comprehensive examination. For further information on this and the other combined curricula, see the CAS Office.

The Department of Geodetic Science offers two degree programs, a Bachelor of Arts and a Bachelor of Science. Geodetic Science, which includes the related fields of geodesy, photogrammetry, and cartography, is an interdisciplinary subject area based on mathematics, physics, geography, geology, civil engineering, and astronomy. Its ultimate objectives are the determination of the size and shape of the earth, the location of the physical features on the earth's surface, and the representation of this information on maps and charts.

The Division of Dance is a unit within CAS which offers two undergraduate degrees; it also provides students with an opportunity for performance in the University Dance Company. The Dance Notation Bureau engages in research, development of materials, preparation of notators, and writing and checking of scores. A residential professional touring company is on campus.

An undergraduate honors concentration is offered in Medieval or Renaissance Studies. Courses in these degree programs are offered in a number of CAS departments; they have been developed and supported by the Center for Medieval and Renaissance Studies, a unit within the College of Humanities. The Center is planning a core of interdisciplinary undergraduate courses at present.

A program in the Study of Crime and Delinquency is being developed within the Department of Sociology under a grant from the Ohio Law Enforcement Commission. This program may lead to the establishment of a baccalaureate degree in Criminal Justice. At present, an M.A. in Criminology is offered.

The Arts and Sciences Curriculum Committee has suggested several areas warranting faculty attention in the near future: 1) the B.A. and B.S. curricula requirements, and most particularly the number of hours required for graduation (196 quarter hours is more than the typical CIC program of 180 quarter hours or 120 semester hours); 2) further expansion of the Credit by Examination Program (see Table 3); 3) further expansion of evening class offerings and the initiation of short-term nondegree programs; 4) initiation of an Associate in Arts degree; 5) consideration of a three-year Bachelor of General Studies program.

PURDUE UNIVERSITY

INTRODUCTION

Purdue's image as an engineering and science school has not disappeared despite the presence on campus of other colleges. In other ways, too, Purdue does not seem to change. The buildings are made of a uniform color of red bricks. Sororities and fraternities maintain their power.

Freedom of choice is not an empty phrase at Purdue, however. It is true that for many years the University has awarded more engineering degrees than any other institution in the country; but then Purdue has an exceptionally fine engineering program. One of Purdue's famous graduates is Neil Armstrong, and other American astronauts also attended the University. It is also true that more students study science at Purdue than any other university in the free world. The University places great emphasis on its science and engineering schools. But thousands of Purdue students also specialize in the liberal arts and sciences by registration in the School of Humanities, Social Science, and Education (HSSE), and within the English department of that school is the office of Modern Fiction Studies, one of the most prestigious scholarly journals in the field of literature.

The School of Science is also capable of flexibility. The Calculus Office at Purdue is the result of a concerted effort on the part of the Mathematics Department to change a situation in which in Spring 1968, 41% of the grades in the second semester of calculus were D or F. A Calculus Committee with engineering and mathematics faculty members has developed several new courses revolving around a new concept of remediation in which background material is reviewed in the context of its utility in the next subject; new procedures including flexibility in transfer from one course to another during the first five weeks of class; and a placement test based on vocabulary inventory in which the responses demonstrate a student's level of mathematics training. The success of these innovations may be measured by the fact that in Spring Semester 1971, freshmen engineering students rated their calculus courses as the top of their academic experiences.

Although educational opportunities are open to all students who can qualify for admission, there are only 12,000 women out of a total of over 35,000 students at Purdue. In September 1972, there were approximately 250 Black students out of a total freshman population of 5,000. Both figures probably reflect an impression of Purdue as a conservative university. However, there are veterans and older women on the campus, and one grandmother recently was elected to Phi Beta Kappa.

Mature women students are treated rather erratically at Purdue. On the one hand, they receive excellent services in the Dean of Women's Office (see Resource Centers and Career Counseling); on the other they are really welcomed into only certain of the academic specialties. There are no support programs for mature women in the School of Science, and the science faculty is not especially concerned about female students, particularly older females. The drop-out rate by the time of graduation is 70-80% for women compared to 33-50% for men, and this reflects transfer to other schools rather than academic failure. For the most part, only the tough young women students survive in this school.

Purdue University students enjoy the advantages of a large university, including a superior faculty, a library of over one million volumes, and a wide variety of courses.

A unique system of advisement within HSSE allows for better counseling of students than at most other large universities. Requirements for majors are printed on one-page sheets for distribution to students. HSSE also provides students with print-outs of major and core curriculum requirements as completed and grades. Grade point averages for graduation and in the major and other requirement areas and hours completed are also shown on this Academic Progress Report. The Report offers students an up-to-date picture of their progress toward graduation and allows HSSE counselors to spend time on academic rather than bookkeeping matters. Students (and deans) working within other academic advisement systems will immediately appreciate how splendid this program is. HSSE students also have the unique opportunity to utilize the services of counselors trained in vocational and educational guidance (see Career Counseling). Very few liberal arts colleges in the CIC Universities have a professional guidance staff.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

Purdue has attempted to recruit veterans without much success probably because of the high tuition cost. Black students recruited into the School of Industrial Management are given financial and tutorial assistance. Women and cultural minorities are recruited for the Pharmacy programs.

The minority recruitment at Purdue for the most part consists of high school visitations and work with Upward Bound and other agencies. Nonresident minority students with superior academic backgrounds are also encouraged to apply for admission.

Students who are not pursuing a degree and students who already hold a bachelor's degree are allowed to register for credit courses in the undergraduate schools. The only limitations are course prerequisites and space. There is no admissions quota on nondegree students.

Students interested in programs in the liberal arts and sciences register in either the School of Science or HSSE. In Tables 2-5, the responses of these schools are separated.

The University does not have a General Studies Program. There is a General Science major within the School of Science (see Unique Programs.)

Students need not pursue a full-time program, and there is no quota on part-time students. There also is no admissions quota on out-of-state students; generally, 25% of the freshman class are nonresident students.

Admissions policies attempt to encourage older students, veterans, and minorities, although, as indicated above, the programs in the School of Science would probably not be appropriate for older women. Requests for exceptions to admissions requirements should be addressed to the Admissions Office or the Dean of a particular school. Requirements have been waived for some veterans, older people, and minorities on the basis of maturity and reasonable achievement on scholastic aptitude tests.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Offices to Consult
all admitted, incoming students	Office of the School of Humanities, Social Science, and Education (HSSE) or Office of the School of Science
students withdrawing from the university	HSSE or Science School Office
students dropped for academic reasons	Dean of Men or Dean of Women HSSE or Science School Office
prospective freshmen	Admissions Office HSSE or Science School Office
applicants for transfer	HSSE or Science School Office
applicants for readmission	HSSE or Science School Office Dean of Men or Dean of Women (Dean of Men chairs University Committee on Readmission)

SECTION II - TRANSFER OF CREDIT

TABLE 2 - HSSE

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions[1]	x		88	
academic work at provisionally-accredited two- or four-year institutions[1]	x		88	The institution must have candidate status with the North Central Association.
academic work at unaccredited institutions[2]		x		CLEP General Examinations could be used to validate work
academic work at junior colleges[1]	x		88	Must be academic: no typing or shorthand courses.
United States Armed Forces Institute (USAFI)	x		no limit	
College-Level Examination Program (CLEP)[3]				General Examinations are not accepted. Twelve Subject Examinations are accepted.
American College Test (ACT)		x		
Advanced Placement	x		43	
educational television	x		no limit	On regular transcript from an accredited institution.
formal schooling in the military service	x		no limit	
occupational training in the military service		x		
military service	x		8	
correspondence work from own institution		x		
correspondence work from other institutions	x		no limit	Must be from an accredited institution.
extension courses	x		no limit	
technical-vocational courses	x		no limit	From Purdue schools--courses numbered 100 or higher; not RN courses.
pass-fail from other institutions	x		no limit	
nontraditional methods (learning contracts, community service, etc.)		x		Only if on accredited university transcript (with grades).

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

[1] Academic counselors in HSSE can, upon appeal, change the amount of credit accepted. Departments may also offer tests or ask that credits be granted on the basis of these tests. Transfer work can include D grades; it is evaluated as equivalent to Purdue coursework or as elective credit by the Office of Admissions. Inquiries regarding acceptability of credit should originate in the Office of Admissions. Appeals should be directed to the HSSE Office.

[2] An average score of 500 or above on the five CLEP General Examinations is required before evaluation for credit of work taken at an unaccredited institution.

[3] The Subject Examinations are: Biology, Human Growth and Development, General Chemistry, Computer and Data Processing, Money and Banking, Geology, American History, College Algebra and Trigonometry, Introduction to Calculus, American Government, Statistics, and Tests and Measurement.

SECTION II - TRANSFER OF CREDIT

TABLE 2 - Science

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited four-year college institutions[1]	x		88	
academic work at provisionally-accredited two- or four-year institutions[1,2]	x		88	The institution must have candidate status with the North Central Association.
academic work at unaccredited institutions[3]		x		CLEP General Examinations could be used to validate work.
academic work at junior colleges[1,2]	x		88	
United States Armed Forces Institute (USAFI)	x		no limit	
College-Level Examination Program (CLEP)[4]				General Examinations are not accepted. Ten Subject Examinations are accepted.
American College Test (ACT)		x		
Advanced Placement	x		no limit	Calculus exam allowed.
educational television	x			Not for nonlaboratory science courses.
formal schooling in the military service	x			
occupational training in the military service		x		Unless equivalent to courses and certified by examination.
military service		x		
correspondence work from own institution		x		
correspondence work from other institutions	x		no limit	Elective credit generally.
extension courses	x			Not many are offered.
technical-vocational courses	x			Would take Purdue AA degree technical work and technical nursing and pharmacy courses.
pass-fail from other institutions	x		no limit	If General Education or elective courses.
nontraditional methods (learning contracts, community service, etc.)		x		Only if on an accredited university transcript (with grades).

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

[1] Academic counselors in the School of Science can, upon appeal, change the amount of credit accepted. Departments may also offer tests or ask that credits be granted on the basis of these tests. Transfer work can include D grades; it is evaluated as equivalent to Purdue coursework or as elective credit by the Office of Admissions. Inquiries regarding acceptability of credit should originate in the Office of Admissions. Appeals should be directed to the office of the School.

[2] The School is fairly lenient on elective credit which would count toward graduation in most degree programs in the School up to the amount of 30 semester hours. It takes a more rigorous position on transfer of major requirements. Non-laboratory science courses would not count toward the major in most areas. With that exception, the School generally counts most coursework from accredited institutions no matter how obtained. The physics and teacher education majors do not allow for as much elective credit as other Science programs.

[3] See Footnote 2, Table 2 for HSSE.

[4] See Footnote 3, Table 2 for HSSE. The School of Science does not accept College Algebra and Trigonometry or Chemistry except for its prepharmacy majors.

TABLE 3 - HSSE

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted yes	accepted no	maximum hours	comments
Coursework:				
after 5 p.m.[1]	x		no limit	Not many are offered.
weekends[1]	x		no limit	Not many are offered.
campus linkages[2]	x		no limit	Regional campuses; IUPUI.
workshops		x		
fieldwork[3]	x		no limit	Junior year abroad at Hamburg, Madrid, or Strasbourg.
summer session for degree and non-degree students	x		no limit	
correspondence		x		
extension[4]	x		no limit	
community centers		x		
military bases		x		
veterans hospitals		x		
educational television (campus station)[5]	x		no limit	Very little offered.
remedial courses	x			Human Relations Training, English 100, Math 111 &112.
Examinations:[6]				
English composition	x		no limit	Purdue Advanced Credit Examinations and departmental tests.
mathematics	x		no limit	
foreign languages	x		no limit	
general education requirements	x		no limit	
major requirements	x		no limit	

CLEP[7] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Credit evening and Saturday morning courses are offered to nondegree and regular students through the Division of Conferences and Continuation Services.

[2] Purdue has three regional campuses in Hammond, Fort Wayne, and Westville, and a linkage with Indiana University at Indianapolis (IUPUI; see the chapter on this school). Bachelor's programs are offered at the Hammond and Fort Wayne campuses and at IUPUI; two year's college work is available at Westville.

[3] For information on fieldwork, independent study, study abroad, etc., see the course timetable, the Bulletin, various departmental offices, or an HSSE counselor.

[4] Approximately 300 undergraduate and graduate classes are offered in the evening to employed adults and others seeking credit courses through the Division of Conferences. The undergraduate classes are core courses required for a degree in HSSE.

[5] See Footnote 5, Table 2, Indiana University. Credit courses are also offered on Radio Station WBAA.

[6] Purdue Advanced Credit Examinations are available in specific classes in the areas of biology, chemistry, communications, electrical engineering technology, graphics, mathematics, modern languages (French, German, Russian, and Spanish) and Latin, and physics. Students can also, on occasion, take special tests in other basic courses on an individual basis. A score of 580 or above on the SAT Mathematics Achievement Test earns 5 semester hours of credit.

[7] See Footnote 3, Table 2, for HSSE.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3 - Science

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted yes	accepted no	maximum hours	comments
Coursework:				
after 5 p.m.[1]	x		no limit	Very few courses.
weekends[1]	x		no limit	Elective credit only.
campus linkages[2]	x		no limit	Regional campuses; IUPUI.
workshops		x		
fieldwork[3]	x		variable	Courses in geosciences.
summer sessions for degree and nondegree students	x		no limit	
correspondence		x		
extension	x		no limit	Very few courses--elective credit.
community centers		x		
military bases		x		
veterans hospitals		x		
educational television (campus station)	x		no limit	Elective courses only.
remedial courses	x		variable	Slower courses in mathematics, physics, and chemistry.
Examinations:[4]				
English composition	x		no limit	Purdue Advanced Credit Examinations and departmental tests.
mathematics[5]	x		no limit	
foreign languages	x		no limit	
general education requirements	x		no limit	
major requirements	x		no limit	A few in freshman courses.

CLEP[6] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Credit evening and Saturday morning courses are offered to nondegree and regular students through the Division of Conferences and Continuation Services.

[2] Purdue has three regional campuses in Hammond, Fort Wayne, and Westville, and a linkage with Indiana University at Indianapolis (IUPUI; see the chapter on this school). Bachelor's programs are offered at the Hammond and Fort Wayne campuses and at IUPUI; two year's college work is available at Westville.

[3] For information on fieldwork and independent study, see the course timetable, the Bulletin, various departmental offices, or a Science School counselor.

[4] See statement in Footnote 6, Table 3 for HSSE. The School of Science does not give credit for the SAT Mathematics Achievement Test.

[5] Enrollment in mathematics courses is dependent upon placement. For information, see a counselor in the School of Science.

[6] See Footnote 4, Table 2 for Science.

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

For the options available for completing the following requirements, consult the Bulletin.

University Requirements

1. Completion of the plan of study underlying the degree.

2. Resident study at Purdue for at least two semesters completing at least 32 semester hours of work in upper-division courses.

3. Registration, either in residence or in absentia, as a candidate for the desired degree during the semester (or summer session) immediately preceding its conferment.

4. Satisfaction of the quality standards in academic work as prescribed by the faculty, including a minimum graduation index of 4.00 on a 6.00 scale.

5. Demonstration of a satisfactory working knowledge of the English language.

6. Payment of the $10 graduation fee to the bursar.

7. Attendance at the commencement exercises.

School of Humanities, Social Science, and Education

1. Total Hours: a minimum of 120 semester hours. Note: All credits must have been earned within the ten years preceding the date of graduation.

2. English Composition: 3 or 4 hours

3. Interpersonal Communication: 0 to 3 hours

4. Foreign Language: completion of a fourth-semester college-level course or the equivalent

5. Mathematics or Logic: 5 to 6 hours

6. Humanities: 12 hours

7. Social Science: 12 hours

8. Natural Science: 6 hours

TABLE 4
(continued)

School of Science

1. Total Hours: a minimum of 124 semester hours. Note: All credits must have been earned within the ten years preceding the date of graduation.

2. English Composition: one year of English Composition

3. Foreign Language: completion of a fourth-semester college-level course or the equivalent

4. Humanities, Social Studies, and Behavioral Science: a minimum of 18 hours

5. Mathematics: at least 11 hours

6. Science: at least four laboratory courses outside the major

TABLE 5 - HSSE

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree? If so, what is the limit? ten years[1]	x	
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[2]		x
5. May the residency be fulfilled during Summer School sessions?[3]	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours[4]	x	
b. general education requirements[5]	x	
c. major requirements[6]	x	
d. basic skills requirements[7]	x	
e. minimum grade point average[8]		x
f. residency requirement		x

[1] There is a general University requirement that credit should not be more than ten years old. The School can waive this require-

ment. If the coursework was taken in the major field, it may now serve only as elective credit--depending on the specific discipline. Generally, the student has to demonstrate academic ability at Purdue to have the old credit accepted.

[2] Study Abroad programs and independent study are exceptions.

[3] Two summer sessions would equal one semester of residence.

[4] This is very rarely waived by the Dean of HSSE on academic grounds.

[5] This is waived by the Dean or a designate in cases of proven academic hardship.

[6] The Dean and the department head might waive the requirement in the case of advisement error or equivalent course credit.

[7] The student might be exempt from the Basic Public Speaking course because of past experience. The exception requires the permission of the Dean and the department head.

[8] In HSSE, a student who has taken a course not normally taught in the School and not required by the School can have a failing or D grade deleted.

TABLE 5 - Science

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?[1]	x	
2. Are there time limits on completion of the degree? If so, what is the limit? ten years[2]	x	
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student be physically present on campus to earn residency credit?[3]		x
5. May the residency be fulfilled during Summer School sessions?[4]	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours[5]	x	
b. general education requirements[6]	x	
c. major requirements[7]	x	
d. basic skills requirements		x
e. minimum grade point average[8]		x
f. residency requirement		x

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[1] The answer is yes, generally, but prerequisites for some courses may be a problem.

[2] See Footnote 1, Table 5, for HSSE.

[3] Study Abroad and independent study are exceptions.

[4] See Footnote 3, Table 5 for HSSE. However, not many science courses are offered in the summer.

[5] The Faculty Student Cases Committee may waive up to three hours of this requirement when one course has not been completed.

[6] The Faculty Committee or the Dean may waive this requirement on grounds of a change in school or other situations.

[7] Partial credit on transfer work might be a reason for an exception. Substitutions are also possible. The Faculty Committee may make this exception.

[8] In the School of Science, nonrequired courses from other Schools may be deleted in order to improve the cumulative average. Deletion of courses may also change class rank. Students may also repeat courses no matter what grade received previously, and the earlier grade is removed from the record.

SECTION V - STUDENT SERVICES

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	The Deans of Women and Men Psychological Services Center The Placement Service The Educational Placement Office
veterans[1,3]	The Deans of Men and Women Psychological Services Center The Placement Service The Educational Placement Office
cultural minorities[1,4]	The Deans of Women and Men Psychological Services Center The Placement Service The Educational Placement Office
educationally disadvantaged[1]	The Deans of Women and Men Psychological Services Center The Placement Service The Educational Placement Office
physically handicapped[1,5]	The Deans of Women and Men Psychological Services Center The Placement Service The Educational Placement Office
other special groups:	
health sciences	School of Science counselors
all HSSE students[6]	HSSE Office
all School of Science students[7]	School of Science Office

[1] There is no centralized career counseling service at Purdue. The Psychological Services Center offers vocational and aptitude testing, and provides some career counseling. The standard registration fee for the Center is $5. The Placement Service also offers some career and employment counseling, but its main function is to

arrange interviews with representatives in the areas of business, industry, and government. The Assistant Director of Placement is a woman, with primary responsibility of placement of women. There is a testing fee of $3 at the Placement Service. The Educational Placement Office handles all teacher placement and provides some counseling of students in this area.

The main areas for career counseling are the Offices of the Deans of Women (DOW) and Men (DOM) and the HSSE and Science School Offices. The counselors in the DOW and DOM Offices are professionally trained in the areas of vocational and personal guidance. Students are referred to the Testing Service for aptitude, interest, and vocational tests, but the results are interpreted in these Offices.

[2] Through DOW, Mortarboard has brought on campus young female professionals who are alumnae of the University; these women have talked about their careers with female students. As part of the Span Plan (see Resource Centers), slide shows are presented to freshman women in the area of career and life-planning. The DOW Office has an extensive resource file of vocational and scholarship information.

[3] The Dean of Men's Office plans to start discussion groups for veterans dealing with career counseling and adjustment to campus life.

[4] There are minority counselors in the DOM and DOW Offices. The Placement Office also has a Black counselor. Spanish-speaking students are seen in the various career counseling areas.

[5] There are few physically handicapped students on campus, but there are counselors designated for these students in the DOM and DOW Offices.

[6] Six full-time professional counselors who are trained in

vocational and educational guidance work in the HSSE Office. Their main duties are career counseling and advisement on majors. They also administer the Strong vocational test to HSSE students.

HSSE students may take a new 2-credit hour course GS 490A which aids them in making academic major and vocational choices. In the course, HSSE departments present material on their major requirements and career possibilities; interest inventories are administered to all students and interpreted; career-oriented activities on campus are explained; and the Placement Service gives a presentation.

[7] The School of Science also has trained counselors, although the Dean reports that most of the students go on to graduate school and therefore "career counseling is really academic counseling."

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Blacks[1]	Office of the Advisor to Black Students
veterans	-----
women[2]	Span Plan Annex Female Action Communication Exchange
physically handicapped	-----

[1] The staff of the Office of the Adviser to Black Students assists the students in the areas of tutoring and counseling. The

minority program is responsible for GS 150, a credit course offering in Human Relations which is open to Black and white students. The program also provides an Ombudsman for Black students and certain Black Studies programs.

[2]The Span Plan Annex of the Office of the Dean of Women coordinates a three-part program: freshman conferences for women students, the Student Wife Grant Program, and counseling for mature women. The Span Plan is a concept of educational and vocational life-planning for women predicated on the fact that the average age of thirty million working women is thirty-nine, and that the great majority of these women are presently engaged in low-paying service jobs. The Span Plan provides information, motivation, and encouragement to women so that they may strive for higher goals and better-paying jobs.

Part of the Plan is the Student Wife Grant Program whereby small grants covering the cost of a 2- or 3-hour credit course are given to students' wives with preference given to wives not currently enrolled at Purdue who need the money in order to continue their education.

The Span Plan Office assists older women in areas of admissions, credit evaluation, and registration. It sets up liaison relationships with sympathetic faculty and staff members, arranges for interest and aptitude testing, and provides counselors to help mature women make a successful adjustment to Purdue. The Span Plan also presents a non-credit course, "Educational Planning for Women," through the Division of Conferences and Continuation Services. This course is designed to help women examine their goals and objectives more critically, and to encourage them to seek academic alternatives.

All enrollees receive information on admission requirements and the current job market, take interest and aptitude tests, and listen to guest speakers in the area of placement services and role models.

The Female Action Communication Exchange is a student activity which provides programs, materials, and information for and about women. It is located in the Student Union Building.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid	yes	no	Financial Aids Office	Nursing Student and Health Profession Student loans are also available.
state grants	x			Loans are made to students carrying a half-time (or more) academic program.
EOG	x			
military scholarships		x		
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students		x		
Health Services	yes	no	Student Health Center	No charge for laboratory services except premarital blood tests. Students must pay full semester or summer session fees to use the services of the Center. Three hours per semester of psychiatric consultations are free; a charge is made for consultations or treatment over these hours. Students are seen on an appointment basis in the Psychiatric Division.
for spouse/dependents		x		
gynecological services	x			
psychiatric counseling	x			
equal for part-time students		x		
Hospital-medical-surgical insurance	yes	no	Bursar's Office	Optional insurance paid for by students taking 8 or more hours of credit.
including pregnancy and childbirth		x		

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
for part-time students		x		
Participation in Activities/ Organizations[1]			Deans of Men and Women	There are certain hour and grade requirements for holding office.
equal for part-time	x			
equal for women and men	x			
Housing			Director of Residence Halls, Deans of Women and Men	Students should be taking 12 semester hours for on-campus housing.
equal for part-time		x		
Child care facilities[2]			Dean of Women	Purdue Laboratory School; community centers.
Interlibrary loan			General Library in Stewart Center	
Recreational facilities			Recreational Gymnasium, Memorial Union	Two 18-hole golf courses are available at student rates.
Tutorial services			School Office Departments Deans of Men and Women	
Placement services			Placement Service Educational Placement Office	
Participation in athletic programs			Department of Intramural Athletics	Big Ten rules for intercollegiate sports. Intramural sports for all students.
Short-term leaves			--	No leaves are available. Students would have to work out individual arrangements with their instructors.
Other services				
marriage counseling			Marriage Counseling Center, Child Development and Family Building	For students, staff, and their spouses.

[1] To hold office in student organizations, students must be making reasonable progress toward the degree, and they must have completed 12 semester hours of work the preceding semester. A grade point average of C is required in most cases.

[2] The Purdue Laboratory School in Child Development and Family Life has a lengthy waiting list and many restrictions. For information, contact the Department of Child Development and Family Life. Information on community facilities may be obtained from the Community Child Care Center, Box 1003, Lafayette, Indiana; these are not free centers and are not University sponsored.

SECTION VI - UNIQUE PROGRAMS

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted into Progra
HSSE		
Human Development	B.A.	yes
Science and Culture	B.A.	yes
Community Health	B.A.	yes
Science		
Geosciences	B.S.	yes
General Science	B.S.	yes

There are three new degree programs in HSSE: Human Development, Science and Culture, and Community Health. The Human Development major includes courses in infancy and childhood, adolescence, adulthood, marriage and the family, and developmental psychology. Science and Culture is an interdisciplinary major with coursework in philosophy, sociology, political science, history, and English in addition to required courses in science. The Community Health major is also interdisciplinary in emphasis. Students electing this major may choose courses ranging from School Health Programs to First Aid, Drug Use and Abuse to Essentials in Nutrition. In addition, courses in community and public health and human diseases are required, including field experience in public health.

The School of Science offers work in Mineral Extraction within the field of Geosciences.

The General Science major has required courses and elective credits leading to many interdisciplinary options including Food Technology, Environmental Science, the Scientific Aspects of Ecology, and Industrial Science. The Environmental Science option, for example, could combine work in biology, chemistry, geoscience, and statistics with courses in ecological systems, basic mechanics, environmental engineering, and urban systems. Many other combinations are possible within this option to suit the student's needs and interests.

Two new majors have been proposed for HSSE in the areas of Specialty Journalism and Organizational Communication. If approved, these programs will begin in June 1973. Two majors in the Department of Communication will be deleted as of that date, if the HSSE Senate approves; they are the General Speech Area and the Speech Communication Concentration.

UNIVERSITY OF WISCONSIN AT MADISON

INTRODUCTION

The University of Wisconsin System is almost too big to comprehend. Created in 1971 by the merger of the University of Wisconsin and Wisconsin State Universities, it contains 133,702 students and 13,535 faculty members on thirteen degree-granting campuses (Eau Claire, Green Bay, Lacrosse, Madison, Milwaukee, Oshkosh, Parkside, Platteville, River Falls, Stevens Point, Stout, Superior, and Whitewater), fourteen freshman-sophomore campuses, and Extension services.

Madison is the largest campus (33,943 students in 1971), and the first to be founded (1849). A major center for teaching and research, the campus has been rated "distinguished or strong" in thirty graduate fields by a survey of the American Council on Education released in 1971. Its faculty includes Harry Harlow, world-famous director of the UW Primate Research Laboratory (the "cloth monkey" studies), and Howard Temin, named outstanding cancer researcher of 1971. The thirteen libraries on campus hold 2.4 million volumes; additional library resources are avilable in the collections of the State Historical Society of Wisconsin.

In addition to the quality of its educational program, Madison is noted for the beauty of its campus. Located on a series of hills, the campus contains wooded areas, green lawns, Lake Mendota (and sailboats and ducks), a view of the State Capitol, picnic areas, an experimental farm, a dairy (with super ice cream made by students in the College of Agriculture and Life Sciences), and, in the University

Arboretum, 1,200 acres of shore, marsh, streams, uplands, and prairie. Nearby is Aztalan State Park, which contains remnants of an ancient woodland Indian village; Kettle Moraine State Forest, an area of glacier hills and depressions; and the Wisconsin Dells, an unspoiled portion of the Wisconsin River consisting of deep gorges and rock formations. The only difficult physical adjustment for students is to the weather--a short and wet spring, hot summer, long wet autumn, and winter when the "hawk" flies.

To its natural beauty and academic distinction must be added Madison's educational opportunities. Courses range from lectures and laboratories to small discussion sessions and new media experiments; teachers range from internationally known scholars to young graduate teaching assistants. There are seventy major departments in the College of Letters and Sciences alone.

There is less diversity in the student body. The mean high school rank of the UW 1971 freshman class was 76.5%; the mean ACT composite score was 24 (SAT verbal and mathematics means of 546 and 584). The admissions policy at UW states that the undergraduate student body should include minority group representation proportional to the population served. Among in-state students, at least 3% would be proportional to the population, at least 15% for out-of-state students. The problem is finding Blacks, Chicanos, and Indians. Minority students are a minority in the Madison area; in January 1970, the Black population of the city of Madison was about 2,600, to be found in two concentrations on the East and South sides. There is no ghetto in Madison. In 1971, 110 Black students were admitted as freshmen.

Some Black and other minority students are served by the Five Year Program for Tutorial and Financial Assistance (see Resource Centers); all are welcome at the Afro-American Culture Center, which publishes The Black Voice, the only Black press in the city of Madison. Latinos and Chicanos are very much a minority at UW-Madison, but they have organized "La Raza Unida" for fellow students. The smallest minority group, the American Indians, are increasing in number in part because of the rich cultural resources available through the State Historical Society.

A Chicano student and later counselor of other students has succinctly expressed the problem faced by the minority representatives on campus:

> Since the overwhelming majority of the 35,000 students are white and middle-class, their tastes become the norm. Minority students are aware of this fact and that it results in ethnocentricity on the part of the University, or, using a less polite term, institutional racism. . . . The fact that the intent was not consciously racist means nothing when the results can be so destructive. What all this means in real terms to the individual minority student is that the University gives him a choice between two alternatives: he can retain his ethnic and racial values and consciousness and fail here, or acquire white, mainstream values and succeed here. In other words, the stark choice is between being (for example) Black and a failure or becoming an Oreo.

There are at least 2,000 veterans on campus, a non-radicalized, non-political group. Interest in their problems--difficulties in finding resources in the multiversity, frustration over the bureaucratic requirements of application forms and registration lines--began in the College of Letters and Science (L & S), then moved to the Student Affairs Office when it became apparent that this was too large and important an issue to be handled along with other academic duties in the College. For further discussion, see Resource Centers.

The University has become responsive to the needs of adults seeking further education. Those wishing part-time college credit work are offered late afternoon, evening, and Saturday classes on campus, courses given by UW Extension, correspondence work through the Independent Study service of UW Extension, and courses on WHA's College of the Air and WHA-TV. In addition, late afternoon and evening credit courses are offered in Milwaukee, Green Bay, Parkside, and the UW Centers. Extension students range in age from eighteen to sixty; the majority of nondegree students on the Madison campus are in the twenty-five to forty-five age category. Students in either category may later apply for admission as regular degree candidates.

The Office of Special Students was established in January 1972 as the result of the interest expressed by an increasing number of Madison-area residents in taking credit courses without enrolling in a formal degree program. In general, there are five types of students applying through this office: the housewife who seeks cultural enrichment, the adult who desires a new professional orientation or refresher work, the student with a baccalaureate degree in a sort of "holding pattern" following graduation, the high school student seeking specific courses, and the student who is a degree candidate at another institution. There were approximately 300 students in the program in Fall 1972.

5

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

There are no recruitment programs directed toward itinerant students. The College deans' offices try to help veterans who are not eligible for admission by UW standards.

Nondegree candidates seeking registration in regular course work on the Madison campus apply as general special students through the Office of Special Students. This office is responsible for admissions, screening, and academic and personal advising (explaining standard rules on dropping and adding courses, etc., reassuring, and reinforcing their students). Most of the students successfully complete their courses; those few who receive failing grades are not automatically dropped from the University, but are required to discuss their difficulties with a counselor.

Special students pay the same fees as degree candidates and receive the same privileges. A transcript is not required for application except in the case of an applicant who is a high school student. However, students who wish advice on course selection may bring their transcripts to the Office for evaluation. General specials may also take CLEP and proficiency examinations by arrangements with the Office.

Normally, a general special student carries only one or two courses, but credit loads up to 16-17 undergraduate hours may be taken during the academic year. Courses earned as a general special count toward a degree if the student is accepted into a degree program.

General specials register last, and there may be space problems in some courses. Due to physical limitations, they may not register for courses in art, social work, library science, journalism, physical therapy, or occupational therapy. There is no admissions quota on such students, and they need not reapply every term unless there is a break in attendance.

Students who already hold a bachelor's degree may register for regular courses as college specials if they seek a second degree. Others falling in the college special category are temporary transfers from another institution which will grant their degree and students missing specific courses required for entry into graduate or professional programs.

The distinction between college and general specials is that the former are degree oriented; the latter are not. Although general specials may later transfer into a degree program, they are nondegree candidates at the time of their registration in this category.

There is no admissions quota on part-time students. There is an admissions quota on out-of-state undergraduate students--25% overall--but the Office of Admissions has not reached this quota recently. Foreign students and children of alumni are exempt from the residence quota.

Exceptions to admissions requirements have been made. Cases are reviewed by the Office of Admissions, but acted upon by L & S deans. High school graduates missing units have been admitted either upon condition of making up the units through Extension or by total waiver of the requirement. The GED is accepted in lieu of a high school diploma. Students with low transfer averages may be accepted if they demonstrate improvement in grade point average over the transfer record. USAFI credits may be transferred for degree credit and would be considered in making a decision. Veterans and older persons are helped if they demonstrate academic promise and maturity. Exceptions are rarely made without personal interviews. For information, consult the Office of Admissions; for appeals, consult the L & S Office.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	Summer Orientation and Advising and Registration (SOAR) Program L & S College Office
students withdrawing from the university	L & S College Office
students dropped for academic reasons	L & S College Office
prospective freshmen	Admissions Office L & S College Office Office of Undergraduate Orientation
applicants for transfer	Admissions Office L & S College Office
applicants for readmission	Admissions Office (if in good standing) L & S College Office (if dropped)

L & S has reviewed and changed its college policies recently, trying to make requirements more functional, more realistic, less problematic. The College is eager to aid its many students--four-year residents and itinerants. Two extremely helpful publications are available to students: Guidelines and Majors. The first, presented to incoming students during Summer Orientation, explains requirements, options, departmental courses for freshmen, and special programs. The second is of special use to itinerant students and sophomores. Majors includes advice on choosing a major and discussion of possible career options. In each case, the philosophy behind the department is explained in detail. Also presented are a survey of work and graduate opportunities by major and information on special courses and programs.

[1] Itinerant students need to remember three things about transfer credit:

a) The required grade point average for graduation is computed on UW-Madison work, not transfer work.

b) Transfer work is considered to be at the C level in making this computation; if it is not, course credits are taken away. For example, if the student presents tranfer work of 25 hours and 40 quality points (using the system A=4, B=3, C=2, D=1 and multiplying by number of hours) instead of 25 hours and 50 quality points (and therefore a C average), the Office of Admissions will take away 5 course credits, and the student will only have 20 hours toward graduation. (The courses will continue to appear on the transfer transcript, and the student need not take these courses over if they are being used to fill certain requirements, but they will not be counted in computing the required 120 semester hours for graduation).

c) Acceptance of credit is not automatic. Nonlaboratory science courses taken through USAFI may be accepted for reduced credit. Educational television courses must be evaluated in terms of the course offering. Junior college work must be in liberal arts and sciences.

[2] L & S criteria for earning CLEP General Examination credit will be applied to records of transfer students who have completed the Examination prior to transfer. Any Subject Examination credit will be referred to the appropriate department for a decision on placement and/or credit.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum hours	comments
	yes	no		
Coursework:				
after 5 p.m.	x		no limit	Number of courses limited in L & S; also see Extension.
weekends	x		no limit	Very little offered.
campus linkages[1]	x		one semester	Madison Area Technical College; North-South Exchange; Edgewood College.
workshops		x		
fieldwork[2]	x		no limit	Courses in anthropology, botany, limnology, zoology; overseas programs.
summer sessions for degree and nondegree students[3]	x		no limit	UN Summer Seminar.
correspondence[4,6]	x		68	
extension[5,6]	x			
community centers	x			Extension.
military bases		x		
veterans hospitals		x		
educational television (campus station)	x		no limit	Very few offered.
remedial courses	x		13	
Examinations:				
English composition		x		
mathematics	x		no limit	No residence credit for examinations; degree credit only.
foreign languages	x		no limit	
general education requirements	x		no limit	
major requirements	x			Limit set by 15-hour residence in major.

CLEP[7] - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] UW sophomores and juniors may spend one semester at one of three Black universities participating in a cooperative North-South Exchange Program with UW: North Carolina A & T State University (Greensboro), North Carolina Central University (Durham), and Texas Southern University (Houston). Students must receive approval of their program in order to receive transfer credit from UW. They are advised individually by the Student Exchange Program adviser and an L & S dean or major adviser as to whether major requirements may be met at the exchange universities. Students are selected on the basis of grade point average, written applications, and personal interviews. For information, consult the Office of the Committee on Cooperation with Developing Universities, 837 Extension Building.

[2] UW offers residence credit programs in overseas study during the junior year in Brazil, England, France, Germany, India, Italy, and Spain. For information, consult the Office of International Studies and Programs, 1410 Van Hise Hall.

[3] The Wisconsin Universities' United Nations Summer Seminar offers summer session residence credit in a program in New York City for sophomore and junior students interested in studying the United Nations. For information, contact Llewellyn Pfankuchen, 215 North Hall.

[4] More than 400 courses are offered through the Independent Study program, and approximately one-half of these may be taken for UW undergraduate credit. The program enrolls more than 10,000 students per year plus 135,000 servicemen through a contract with USAFI. Credit courses include classes in anthropology, Arabic, art, astronomy, chemistry, classics, counseling, English, French, geography,

geology, German, Hebrew, history, Italian, mathematics, music, philosophy, physics, political science, Portuguese, psychology, Russian, Scandinavian studies, sociology, and Spanish.

[5] A wide range of credit Extension courses, approximately 30 per semester, are offered on the Madison campus and thirteen other UW campuses, in cities throughout the state, via educational telephone hookup, and on the campus radio and TV stations. Up to one-half the credits toward a degree may be earned. Courses include English, literature, music, philosophy, politics, psychology, sociology, and Spanish, among other subjects. Extension work is generally at the freshman and sophomore level, does not include laboratory science courses (with the exception of one intermediate level botany course conducted in part at the University Arboretum), and does not count toward the residency requirements (again with the exception of the Botany course).

Extension courses include ETN (Educational Telephone Network), SCA (FM subcarrier audio outlet) and SEEN (two-way audio, one way visual communication via an electrowriter). ETN permits two-way communication between the point of origin and 160 conference stations throughout Wisconsin; it is a network used for the continuing education of physicians, engineers, teachers, and other professional people. SCA provides an outlet for programs too specialized to use the FM networks; special receiving units are scheduled by the county offices of the Extension service. SEEN provides a visual component to learning via the Victor Electrowriter Remote Blackboard; there are twelve electrowriter locations in Wisconsin.

[6] Enrollment in Extension and Independent Study is open to UW

degree candidates and students not presently seeking degrees. Transcripts are not required for registration. Coursework does not count as residence credit. Students not admitted to UW may enroll in courses on a deferred college credit basis; courses taken in this manner will be considered for credit toward graduation at UW upon admission as a regular student. Students who have been dropped previously from UW must have written permission from the dean of their previous college. L & S students presently in residence at UW-Madison need the written approval of a dean for registration for college credit. The Extension service has hopes in the future of offering a General Studies degree on a learning contract basis. (This effort is still in the stage of being thought and talked out).

[7] The L & S College encourages students to take any elementary or intermediate level course by examination and use those courses either as elective credits or to meet college requirements. The only limiting factor on the number of hours taken by examination is the 30 credit residence, including 15 credits of advanced work in the major. The composition examination is offered without credit.

Credit granted for CLEP General Examinations is available only to freshmen before they have earned more than 15 degree credits in a UW-Madison program or elsewhere (see footnote 2, Table 2). There is a 16 credit limit on the CLEP General Examinations (UW standards); there is no limit on the credit for Subject Examinations if they are approved by the L & S departments.

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

For the options available to complete the following requirements, consult the Bulletin.

Total Hours

A minimum of 120 semester hours.

Residence

Every L & S student must earn 30 credits in residence. Of the 120 credits required for graduation, not more than 68 may be carried at nondegree-granting accredited institutions. Of the last 60 credits earned prior to graduation, not more than 8 may be carried at nondegree-granting accredited institutions. Every student must earn at least 15 credits of advanced work in the major, as defined by the department for that purpose, while in residence. Of the last 30 credits earned before graduation, not more than 2 courses may be carried out of residence. If either of these courses are to be used to partially satisfy major or general course and credit requirements, the associate dean must approve.

Quality Work System

A student must earn 120 grade points (computed by multiplying credit hours by grades received where A=4, B=3, C=2, D=1) and at least 60 credits in order to meet the academic requirements of the first half of his 4-year course. This means that a student may not count toward graduation those credits in excess of 60 that it takes to earn the first 120 grade points. In the second half of his 4-year course, a student must earn at least a 2.0 grade point average (on a 4.0 system) on the last 60 credits carried, whether passed or not. In the major, a student must earn at least a 2.0 grade point average on all major subjects and a 2.0 grade point average on all advanced work in the major (generally 300 level courses and above).

60-Credit Rule

A minimum of 60 credits must be earned in courses designated by the departments as intermediate or advanced.

80-Credit Rule

Of the minimum 120 credits for the degree, at least 80 credits must be earned outside the major department and outside of any one department. Any course which is listed both in the major department and in one or more other departments must count as being in the major department and may not be counted as part of the 80 credits outside the major.

TABLE 4
(continued)

100-Credit Rule

Of the minimum 120 credits required for graduation, at least 100 must be in L & S subjects, that is, courses taught either in the College or in other schools or colleges on the Madison campus and cross-listed with L & S departments.

Composition

There are two parts of the requirement, both of which must be satisfied. The composition requirement is the same for either the B.A. or B.S. degree.

Part One: Exemption may be possible from part one if a satisfactory score is attained on the placement test. If not, one course in composition must be completed.

Part Two: Before graduation, and probably in the senior year, each student must be certified as being proficient in composition by the major department.

Foreign Language

Bachelor of Arts: Option 1, four units in one language; Option 2, three units in one language and two units in one other language.

Bachelor of Science: three units in one foreign language.

One unit = one year of high school work or one college course of 3-6 credits. This requirement can be satisfied either totally or partially by high school work.

Mathematics

Bachelor of Arts: three units of mathematics

Bachelor of Science: five units of mathematics

One unit = one year of high school work or one semester of college work. Consult the Bulletin for more specific information.

Breadth

Completion of a minimum of 40 credits in three broad areas of knowledge: Humanities, Social Science, and Natural Science. The requirements are the same for the B.A. and the B.S. with the exception of point #3.

1. Twelve credits in the Humanities. Six of the twelve must be in any kind of literature.

Table 4
(continued)

2. Twelve credits in the Social Sciences.

3. Bachelor of Arts: twelve credits in the Natural Sciences, to include at least one course of three or more credits in the biological sciences and one course of three or more credits in the physical sciences.

   Bachelor of Science: sixteen credits in the Natural Sciences, to include at least six credits in the biological sciences and at least six credits in the physical sciences.

4. Not more than ten credits from one department may be counted toward the 40 credits.

5. Work in the major may be counted toward this requirement.

Depth

Depth is the area of study which is frequently referred to as a "major." Requirements for the major are determined by each department.

Physical Education

One semester in the freshman year.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?[1]	x	
4. Must the student be physically present on campus to earn residency credit?[2]	x	
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?		
a. minimum number of credit hours		x
b. general education requirements		x
c. major requirements[3]	x	
d. basic skills requirements		x
e. minimum grade point average[4]	x	
f. residency requirement		x

[1] Students may apply for an exception to the residence requirement and carry two courses of the last 30 credits off-campus. Correspondence work could be part of this exception.

[2] A few exceptions exist, for example, study abroad, fieldwork, and independent study.

[3] The major department may recommend exceptions on the basis of experience and training.

[4] The major department may waive the grade point average requirement in the major. The College Office might waive the total average requirement in exceptional cases. There is no "forgiveness clause." Retroactive withdrawal from courses is allowed only in cases of extreme medical or psychiatric problems.

SECTION V - STUDENT SERVICES

TABLE 6

Career Counseling

Student	Office to Consult
women[1,2]	Counseling Center Career Advising and Placement
veterans[1,3]	Counseling Center Career Advising and Placement
cultural minorities[1,4]	Counseling Center Career Advising and Placement Afro-American Culture Center
educationally disadvantaged[1,5]	Counseling Center Career Advising and Placement
physically handicapped[1,6]	Counseling Center Career Advising and Placement
other special groups:	
health sciences	Faculty Advising Service 307 South Hall
general special students[7]	Office of Special Students
Extension students[8]	Extension service

[1] Individual and group counseling is available at the Counseling Center (CC) and in its two branch offices at Gilman House in Lakeshore Halls and in Sellery Hall. Vocational counselors, college catalogs, and information about careers are available.

Career Advising and Placement offers L & S students assistance in selecting a major, relating the major to future employment, or looking for a job. Students are seen by referral or on a walk-in basis. The office has a good resource library of books and pamphlets on jobs available to those with professional and general educational backgrounds. There are no film or tape resources, and students needing vocational or aptitude tests are referred to the Counseling Center. A weekly bulletin listing recruiters is sent to various campus offices, and a special career program for seniors gives students facts about jobs and graduate schools. Career Advising and Placement does a follow-up study by majors in L & S in an attempt to get information on what jobs are available to graduates of specific programs.

[2] Included in the CC material is information on new careers for women. The Center has completed a study of academic and personal counseling received by senior women during their undergraduate career. It is also participating in the establishment of a Women's Continuing Education unit which will provide counseling for undergraduates and graduate students, women who have returned to school after having been away from classes for some time, and those women planning to continue their education.

[3] Career counseling for veterans is a portion of the responsibilities of the CC office. No specific counselor is assigned to this job, and the Center does not have a VA contract for testing and evaluation. However, the needs and concerns of veterans are under discussion in CC and elsewhere (see Resource Centers).

[4] A CC staff member is present at the Afro-American Cultural Center, and another is in the CC office on the west end of the campus. Counselors have helped students with admission into graduate and professional schools as well as job placement. Information is available on jobs for minorities, and Black professional counselors are available.

[5] Among its other responsibilities, CC is involved in a trial admissions program for regularly inadmissible students who are allowed to enroll for 6 credits in a summer program. Counselors provide advice on admissions and testing of the admitted students as well as some of the supportive services.

[6] A rehabilitiation counseling unit is established in the CC for physically handicapped students.

[7] Career counseling is available for general special students in the Office of Special Students and in other University centers. These students include Blacks in state vocational-rehabilitation programs, women, and high school dropouts.

[8] Educational and vocational counseling is offered through the Madison Extension service to persons thinking about returning to school and to students in Extension courses. Once registered on the Madison campus, students may use the services of the University Counseling Center. Correspondence students may also speak to an adviser in the Extension service.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Black, Chicano, American Indian, White[1]	Five-Year Program for Tutorial and Financial Assistance
veterans[2]	Vets for Vets
women[3]	-----
physically handicapped[4]	Vocational Rehabilitation - Handicapped Student Counseling Unit
other groups: educationally disadvantaged[5]	Adaptive Learning Program

[1] The Five-Year Program for Tutorial and Financial Assistance utilizes UW resources to recruit, admit, and retain students who are unprepared academically, financially disadvantaged, and/or subjects of racial discrimination. There were over 500 students enrolled in the Program in 1971. There is no age limit for admission to the Program, there are transfers and whites (from Wisconsin farms and Milwaukee), but most are Black, freshmen, in-state residents, and young men and women.

Students may be admitted into the Five-Year Program who need only tutorial and not financial aid. The intent of the Program is to ease the shock experienced by poorly prepared students coming into a large, demanding university. Students are moved into regular programs as quickly as possible, but while in the Program they are still subject to all University and College regulations and requirements including academic probation and drop rules and degree requirements. Students need not take five years to graduate; they could finish in a shorter time.

Services include financial assistance, tutorial support, intensive personal and academic counseling, and supportive skills courses. Each student is assigned to a specific counselor so that a close relationship may be established.

Students are admitted on the basis of high school grade pattern, high school rank and grade point, evidence of maturity, motivation, and leadership ability, and personal references and interviews. ACT or SAT scores are required, but they are not considered to be crucial factors in the admissions process.

[2]Vets for Vets, an organization of UW students, provides information on benefits and UW student services, gives general assistance to student veterans, and proposes changes in campus offices whose activities relate to veterans. In Fall 1972, Vets for Vets sent pamphlets to newly admitted undergraduate veterans which explained in detail the benefits and services available to them. A Veterans Reception Center, which opened in the Memorial Union during the week of Fall registration, provided information on campus housing, bus schedules, parking, and registration and on student offices. During the academic year, a permanent center will be established in a central campus location and staffed with volunteers.

A campus veterans' task force has recommended: an active University recruitment of veterans; identification of veterans status on the application form in order to facilitate mailing of additional information on benefits, less rigid admission/readmission requirements for veterans, and more sympathetic evaluation (for purposes of granting credit) of relevant service training and experience; a policy of requesting that early release be interpreted as arrival on campus no later than one week before registration; designation of an admissions counselor as a "Veterans' Specialist," with duties of acquainting applicants with benefits and services available to students. Other recommendations were made in the areas of housing, financial aid, and counseling, including the designation of Veterans' Specialists in these areas and the adoption of a student "buddy system."

[3] "College Week for Women" is an annual three-day event sponsored by UW Extension in which women come to the Madison campus to enroll in one or two seminars and to partake in special evening entertainment. About 50 classes are offered as options to the women who receive nine hours of instruction during this period.

[4] Services in the Vocational Rehabilitation Unit include physical restoration, provision for prosthetic appliances, handicapped evaluation, therapy, and counseling. The Unit is a branch of the Wisconsin Division of Vocational Rehabilitation.

[5] The Adaptive Learning Program is a four-week combined reading and study skills course helpful to students at all academic levels. The course is designed by the Counseling Center to develop more efficient reading habits and effective means of organizing and retaining classroom information.

TABLE 8

Special Services

Service	yes	no	Office to Consult	Comments
Financial Aid				
state grants	x		Financial Aids	Students must carry 8 hours of credit to be eligible for financial aid.
EOG	x			
military scholarships	x			
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid		x		
equal by sex	x			
equal for part-time students		x		
Health Services				
for spouse/dependents		x	University Health Service	Students must pay a health fee to use health services.
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			

TABLE 8
(continued)

Special Services

Service	yes	no	Office to Consult	Comments
Hospital-medical-surgical insurance			Wisconsin Student Services Center, 720 State Street	Optional student plan through the Wisconsin Student Association.
including pregnancy and childbirth	x			
for part-time students	x			
Participation in Activities/ Organizations			Student Affairs Central Office, 121 Bascom Hall	
equal for part-time	x			
equal for women and men	x			
Housing equal for part-time	x		University Residence Halls Office of Housing	
Child care facilities[1]			Affirmative Action Program 175 Bascom Hall	Memorial Union; community facilities.
Interlibrary loan			The Memorial Library	
Recreational facilities			Wisconsin Union; Open Recreation facilities UW Sports Clubs	For listing of facilities, clubs, etc., see Services and Opportunities for Students, a handbook for students.
Tutorial services[2]			Five Year Program Union South College Office	
Placement services			Career Advising and Placement	
Participation in athletic programs			Department of Intercollegiate Athletics Office of Intramural Sports	Big Ten rules for intercollegiate sports. Any student may sign up for intramural sports.
Short-term leaves			Office of Admissions	No leave of absence. Students may return at any time if in good standing.
Other services Campus Assistance Center			420 N. Lake	Answers to questions, advice, help, information for students.
Drug Information Center			420 N. Lake	Information available on a walk-in or telephone basis.

[1] A day-care unit sponsored by the Memorial Union began in Fall 1972 with spaces for about 40 children. The School of Social Work is studying existing day-care centers in the Madison area, with the purpose of proposing the establishment of day-care homes, satellites of the center staffed with professionals. A day-care scholarship fund is in the planning stage at UW.

A directory of licensed day care centers in Dane County is available from the Office of the Assistant to the Chancellor, Affirmative Action Program, 175 Bascom Hall. Included in the list are the University Houses Summer Playschool, a summer only half-day program sponsored by the University community, and University Parents Day Care Center, an all-year parent cooperative.

[2] A group of Black and white, male and female tutors are available to students in the Five-Year Program (see Resource Centers). The tutors, who are usually graduate students employed by the Program, are available primarily in the areas of foreign language, English composition, science, and mathematics.

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted into Program
Individual Major	B.A. or B.S.	yes
American Institutions	B.A.	yes
Applied Mathematics, Engineering and Physics	B.S.	yes
Biology Core Curriculum	---	yes
Institute for Environmental Studies	---	yes
Integrated Liberal Studies (Two-year Interdisciplinary Course)	---	only freshmen and sophomores

The Individual Major is an elective program designed for L & S students with interdepartmental or interdisciplinary interests or special needs. The major requires an approved and coherent plan of coursework in more than one department or recognized interdisciplinary program. The major field of study must be approved and supervised by a UW faculty member who is qualified to direct work in that field. Coursework for the major consists of a minimum of 36 credits (and a maximum of 60 with 40 comprising the core of the major). No more than 24 credits may be taken in any one department, and at least 20 credits must be in intermediate and advanced level work. Independent Study courses taken with L & S faculty are acceptable as part of the major; courses carried on a pass-fail basis are not.

Transfer work may be included if it has been accepted for degree credit by the College. The major must have a descriptive title reflecting its theme and content; this title will appear on the student's transcript.

American Institutions is a major providing a broad knowledge of American life. Students select a theme of interest that provides a focus for their coursework in the major and guides their choices of elective and optional courses.

Applied Mathematics, Engineering and Physics (AMEP) is an interdisciplinary major in the physical sciences. Students take work in mathematics, physics, a specific area of engineering which they choose, and additional courses chosen by them and their advisers. A difficult program requiring sufficient high school preparation to begin calculus, chemistry, and physics in the freshman year, AMEP has its own special requirements for graduation.

Majors in American Institutions and AMEP might present certain difficulties for transfer students in terms of meeting requirements unless students had already completed appropriate courses.

The Biology Core Curriculum (Biocore) is not a major, but an interdepartmental course of study which prepares students for the completion of majors in various departments. Biocore uses senior faculty members from different departments to present their special viewpoints in order to encourage students to study the whole spectrum of living organisms and thereby gain an understanding of the basic biological systems. The Curriculum consists of an optional course, Concepts in Biology, and four courses in Cellular, Developmental, Organismal, and Population Biology.

Courses in the Institute for Environmental Studies are open to undergraduate students. No degrees are offered at this time, but some undergraduates are developing environmental studies majors through the Individual Major program.

Integrated Liberal Studies (ILS) is a freshman-sophomore sequence of courses which satisfies the humanities, social sciences, and natural science requirements for the B.A. degree in L & S. The science courses emphasize technology, atmospheric environment, and human biology; the social sciences areas are cultural anthropology and European and American history; the humanities courses deal with literature, philosophy, religion, and art in selected periods of Western civilization. Structured courses, optional seminars, and tutorials are available to students, and elective courses may also be chosen.

UNIVERSITY OF WISCONSIN AT MILWAUKEE

INTRODUCTION

Created in 1956 by the merger of two existing institutions, the University of Wisconsin Extension Division at Milwaukee and the Milwaukee campus of Wisconsin State College, the University of Wisconsin at Milwaukee (UWM) enrolls close to 25,000 students on a campus covering almost 100 acres on the northeast side of the city, near Lake Michigan. An uneasy amalgam of old, ivy-covered buildings and modern concrete-and-glass towers--totally dissimilar in architectural style to the University of Illinois at Chicago Circle--it shares with UICC a position within a large public institution, the presence of commuter students on campus, and a concern for the "urban mission."

UWM's Chancellor, J. Martin Klotsche, identified the special character of the urban university in a book published in 1966. The three roles of this institution, he said, are to be a center of teaching and research which provides the impartiality and ability necessary to work on the problems of the community, to introduce new ideas and a fresh point of view into the urban field, and to give "new meaning to the quality of urban life."

In order to fulfill its role as an urban university, UWM first had to establish itself as a unique institution rather than a city version of UW-Madison. By 1965, with the addition of new faculty and extensive revisions of the old curriculum, UWM was no longer a little Madison; it was an autonomous university within the UW system, with special academic offerings. Examples of its recognition of its multifaceted role as an urban school include the development of a Department of Urban Affairs which offers interdisciplinary work in urban research, social structures, political processes, culture, and metropolitan development; the presentation of the first Beethoven Festival in the country, the American premier of Harold Pinter's The Dumb Waiter, and the first American performance of Bach's "Sinfonia Concertante in C Major," among other productions in the School of Fine Arts; the designation of four areas of major concern, Urban Studies, Contemporary Humanistic Studies and Fine Arts, Lake Studies, and Surface Studies; and the subsequent establishment of centers and laboratories related to these areas.

As Chancellor Klotsche also pointed out in The Urban University, the urban student is an influence over the character of the institution itself. Commuting students generally live a split life, half-college, half-community; they need to work to pay for their college education; they may be able to register only for a part-time and/or evening program; they are older than their non-urban counterparts.

Students at UWM are predominantly from the Milwaukee area, and like residents of Milwaukee, they represent different age and ethnic groups. Older students are comfortable here--the average age for undergraduate students as a whole is twenty-two, and the average age for students in the Experimental Program in Higher Education (EPHE; see Resource Centers) is twenty-five. Many Blacks, Latins, and American Indians are students on campus. The problem--an inevitable one for commuting students--is getting to know each other. Urban students have very few reach-out programs, do not have the time or interest to organize themselves, face chaotic class registrations because building plans fall behind schedule and the number of students increases continually, and find few places on campus to meet in groups. Students entering UWM may find the atmosphere initially hostile; once contact is made--with fellow students, interested faculty members, accessible deans--the place seems far more friendly.

To meet the specific needs of its students and its community, UWM has several features not present at UICC or other urban schools: a library open 24 hours a day, seven days a week, with privileges extended to members of the community as well as students, faculty, and staff; a schedule of classes extending from 7:30 a.m. to 10:00 p.m., with late hour classes taught by regular, full-time UWM faculty; three new residence towers designed as apartments and used as optional student housing; and four facilities of use to faculty, students, and the public--the Greene Memorial Museum, a collection of fossils, minerals, and rocks; the Manfred Olson Planetarium; the Map Library; and the Greene Hall Art Museum, which holds a priceless collection of Greek and Russian icons and religious objects. A campus organization, Volunteer Services Unlimited, acts as a clearinghouse for students who tutor inner-city children, visit the physically or mentally ill, and do other volunteer work. Supportive services for minority students are available in EPHE, the Native American Indian Program, the Pilot Project for Inner City High Schools, the Spanish-Speaking Outreach Institute, and the Department of Afro-American Studies (see Resource Centers).

The city itself, of course, also serves as a special resource center for the urban university. UWM students participate both in campus cultural and athletic programs and in the activities of a community of over one million people. Available to them are the Milwaukee Museum, the Memorial Art Center, the Center for the Performing Arts, the Milwaukee Symphony Orchestra, big league sports teams, specialized libraries and archives, parks and zoos, a major airport, and a world sea port. The proximity of Chicago opens up even more opportunities.

As administrators and faculty would be quick to point out, there is still more work to be done at UWM--more intensive recruitment and advisement of students from the community, more innovative degree programs, better coordination of various minority efforts and programs. But the University is still in the process of growing and developing, and a young, vigorous faculty is generating new ideas and programs.

SECTION I - RECRUITMENT, ADMISSIONS, AND ACADEMIC ADVISEMENT

There are no special recruitment programs directed toward the itinerant student. The Spanish-Speaking Outreach Institute recruits students from the Latin community. The EPHE, the Pilot Project, the Native American Indian Program, and the Afro-American Studies Department (see Resource Centers) encourage minorities to apply for admission.

Students are admitted as special students if they are not pursuing a degree. There is no limitation on the courses which they may select or on the number of courses, and there is no admissions quota on such students. Students who already hold a bachelor's degree may also register as special students.

The College of Letters and Science (CLS) offers a Bachelor of Arts (General Curriculum) option. There is no difference in the admissions requirements for entrance into this program and into other College degree programs.

UWM students need not pursue a full-time program; about 40% are on part-time status. The admissions quota on out-of-state students is 25% for each campus within the UW system; however, this quota has not been reached in recent years. Recruitment is without sexual bias into programs traditionally associated with one sex, and the CLS Associate Dean for Natural Sciences and Health Sciences and the CLS health sciences adviser are women.

Exceptions to admissions requirements are made upon appeal to the CLS office. Students lacking a high school unit requirement, high school rank, or cut-off scores on the SAT or ACT are admitted when they can demonstrate probability of academic success. Veterans and older persons are given special consideration.

TABLE 1

Offices to Consult for Analysis of Transfer Credits or Other Academic Advice

Students	Office to Consult
all admitted, incoming students	Student Academic Services and Special Programs CLS Office
students withdrawing from the university	Student Academic Services and Special Programs CLS Office
students dropped for academic reasons	Student Academic Services and Programs CLS Office
prospective freshmen	Student Academic Services and Special Programs CLS Office
applicants for transfer	Student Academic Services and Programs CLS Office
applicants for readmission	Student Academic Services and Special Programs CLS Office

CLS is planning a tape library with information on standard college procedures such as declaration of a major. A tape machine and tapes will be available for student use in the library, the student union, and other areas.

The College is also establishing several outpost centers to be manned by student help who will answer questions or refer students to advisers when necessary. This plan is an outgrowth of one highly successful center operating in the student union.

TABLE 2

Acceptability of Transfer Work as Credit toward Graduation

Type of Transfer Work*	accepted		maximum hours	comments
	yes	no		
academic work at fully-accredited, four-year college institutions	x		no limit	
academic work at provisionally-accredited two- or four-year institutions	x		no limit	Acceptance of credit would depend on the school from which it was received.
academic work at unaccredited institutions		x		
academic work at junior colleges	x		70	Only academic courses.
United States Armed Forces Institute (USAFI)	x		no limit	See the Office of Admissions and Records for specific information.
College-Level Examination Program (CLEP)	x		56	21 - General. 35 - Subject.
American College Test (ACT)		x		
Advanced Placement	x		no limit	
educational television^1	x			See footnote.
formal schooling in the military service	x		no limit	Office of Admissions and Records requests departmental recommendation.
occupational training in the military service		x		
military service		x		
correspondence work from own institution	x		no limit	See the Office of the Dean for Special Academic Services and Special Programs, CLS.
correspondence work from other institutions	x		no limit	
extension courses	x		no limit	
technical-vocational courses^2	x		no limit	
pass-fail from other institutions	x		no limit	Pass grades are acceptable even if equivalent to D grades.
nontraditional methods (learning contracts, community service, etc.)				No policy.

*In all cases, transfer credit is subject to residency limitations (see Requirements for Graduation). Questions regarding acceptance of credit toward graduation should be directed to the College Office; appeals of decisions should be referred to college deans or their representatives.

[1] No formal policy is in operation on transferability of educational television courses. The courses would probably be accepted if they were posted on the transcript of an academic institution. For further information, consult the Office of Admissions and Records.

[2] CLS accepts up to 30 credits from other schools and colleges within the University including nursing and pharmacy courses.

SECTION III - COURSEWORK AND EXAMINATIONS FOR CREDIT

TABLE 3

Nontraditional Coursework and Examinations for Credit

Nontraditional Method	accepted		maximum hours	comments
	yes	no		
Coursework:				
after 5 p.m.[1]	x		no limit	Many classes are offered.
weekends		x		
campus linkages[2]		x		
workshops	x		no limit	Summer institute in social science.
fieldwork[3]	x		no limit	Courses in sociology, social welfare, geology, archeology, urban affairs.
summer sessions for degree and nondegree students	x		no limit	
correspondence[4]	x		no limit	
extension[4]	x		no limit	
community centers[4]	x		no limit	
military bases		x		
veterans hospitals		x		
educational television (campus station)		x		
remedial courses[5]		x		Math 100 is a noncredit course.
Examinations:				
English composition		x		Exemption from the requirement is possible by appropriate score on proficiency exam.
mathematics	x		no limit	
foreign languages	x		no limit	
general education requirements	x		no limit	
major requirements[6]	x		no limit	By departmental consent.

CLEP - for CIC centers in which the General and Subject Examinations are administered, see Appendix 5.

[1] Approximately one-half of the CLS majors can be completed at night.

[2] UWM has no formal campus linkages. Dual enrollment and concurrent registration must be approved on an individual basis by the Associate Dean for Student Academic Services and Special Programs, CLS. UWM is, of course, part of the UW system. For information on transfer of work within the system, see the Office of Admissions and Records.

[3] Most CLS departments have variable credit courses which are approved on an individual basis between the instructor and the student. For information, see the course timetable, consult the departmental office, or ask a CLS counselor. The Sociology Department offers a contract program whereby students may receive from one to twelve credits for a variety of educational activities other than the normal classroom experience. The Field Station near Saukville is available for student research projects.

[4] Extension offers courses in community centers, as does the Spanish-Speaking Outreach Institute. Extension work at UWM is taken through the UW system rather than a UWM division, and only a limited number of classes are available. Correspondence study is also directed through the UW Extension Division. (See Table 3 in the chapter on the University of Wisconsin at Madison.)

[5] Remedial courses are available to students, but they may not be taken for credit. Enrollment in the course requires appropriate scores on the placement examinations. For information, consult the CLS Office.

[6] The residence requirement for the major, 15 credits of advanced work, limits the amount of credit possible by proficiency examination.

SECTION IV - REQUIREMENTS FOR GRADUATION

TABLE 4

University and College Graduation Requirements

For the options available for completing the following requirements, consult the Bulletin. Note: the requirements listed below are those which became effective in September 1971. Students enrolled in the College prior to September 1971 may choose either the new or old requirements.

Section I: Proficiency Requirements

English Composition: One course in expository writing or proficiency credit

Mathematics: Three years of high school math beginning with algebra, or two years of high school math (algebra and geometry) and one of the listed college-level courses

Foreign Language: 14 college credits (or the equivalent) in one foreign language

Section II: Distribution Requirements

Humanities: 12 credits
Social Science: 12 credits
Natural Science: 12 credits

Credits taken to satisfy these requirements may be used in the major. Credits used to satisfy the requirements of Section I may also satisfy this Section. Acceptable courses are identified in the course timetable. A single course can be counted in only one of these areas.

Section III: The Major

The student is to complete the program outlined for a selected major.

Section IV: Electives and Total Credits

Beyond the requirements of Sections I-III, students will select courses to bring their total credits to 120 semester hours. A maximum of 30 credits completed outside the college may be counted as electives.

TABLE 4
(continued)

Residency

The last 30 credits toward a degree must be earned in residence at UWM except as follows:

1. A preprofessional student may apply 30 credits earned in law or medicine to a bachelor's degree if at least 60 of the first 90 credits are earned at UWM.

2. A student may take up to 15 of the last 30 credits at another bachelor's-degree-granting unit of the University of Wisconsin if at least 45 of the last 60 credits are earned at UWM.

3. A student who transfers to UWM from a junior college must earn the final 50 credits here or in another bachelor's-degree-granting unit of the University of Wisconsin in accord with the requirements stated above.

   A student who transfers from a two-year center of the University of Wisconsin may earn up to 10 credits of the last 60 credits at a two-year center of the University. Credits completed at a junior college in what would normally be the last 50 credits of work may be considered for requirements other than residence requirements.

At least 15 credits of advanced work in the major must be completed in residence at UWM. Variations must be approved by the Associate Dean of Scholastic Affairs upon recommendation from the major department.

TABLE 5

Explanations and Exceptions to the Graduation Requirements

General Questions about Graduation Requirements	yes	no
1. Can the credit hour requirements be accumulated at varying times during the college career?	x	
2. Are there time limits on completion of the degree?		x
3. Does correspondence work taken at your university count toward residency?		x
4. Must the student by physically present on campus to earn residency credit?[1]	x	
5. May the residency be fulfilled during Summer School sessions?	x	
6. Are exceptions made to the following graduation requirements? To whom does the student appeal?[2]		
a. minimum number of credit hours		x
b. general education requirements[3]	x	
c. major requirements[4]	x	
d. basic skills requirements	x	
e. minimum grade point average[5]		x
f. residency requirement	x	

[1] Fieldwork and independent study are possible methods of off-campus residence work.

[2] The student should address an appeal to the College Office. If

it is not granted, the request may be referred to the Scholastic Standing and Appeals Committee, a faculty/student committee.

[3] Students missing one credit in the general education requirements, those who have been misadvised, or those with appropriate skills equal to the requirements might receive a partial waiver.

[4] The major department decides on waivers of the major requirements.

[5] Courses may be repeated for a better grade. Only the higher grade is counted in the graduation average.

SECTION V - STUDENT SERVICES

TABLE 6

Career Counseling

Student	Office to Consult
women[1]	Department of Student Counseling Placement Office CLS Office
veterans[1,2]	Department of Student Counseling Placement Office CLS Office Student Information Center
cultural minorities[1,3]	Experimental Program in Higher Education Native American Indian Program Spanish-Speaking Outreach Institute Department of Student Counseling Placement Office CLS Office
educationally disadvantaged[1,3]	Experimental Program in Higher Education Native American Indian Program Spanish-Speaking Outreach Institute Department of Student Counseling Placement Office CLS Office
physically handicapped[1,2,4]	Student Information Center Vocational Rehabilitation Counseling in the Department of Student Counseling Placement Office CLS Office
other special groups:	
health sciences	CLS Office
adults[5]	Office of Continuing Education

[1] "Know Your Sign," a booklet published by the Department of Student Counseling (DSC) offers advice on interpreting placement tests, selecting courses, and choosing a major. The section on selection of a major includes two worksheets which enable students to organize certain facts about their educational and vocational

experiences and preferences. Following the instructions will lead most students to a tentative choice of a major.

Further career counseling is available in DSC through appointments with counselors, a program of vocational aptitude testing, and a library of occupational information. DSC counselors see prospective students, walk-ins from the community, students from other UW schools, and readmitted UWM students. Over 50% of the counselors' time is spent on educational and vocational counseling, and this effort consists of individual and group sessions, workshops on interview techniques and role playing, orientation programs on DSC services, and administration and interpretation of vocational aptitude tests and personal inventory tests.

The UWM Placement Office has a library of job opportunities.

CLS Counselors are aware of career opportunities and openings in various areas.

[2] Educational and career counseling is also available to veterans and the physically handicapped through the Student Information Center (see Student Services, Table 8).

[3] Additional counseling is available to cultural minorities and educationally disadvantaged students in the Experimental Program in Higher Education, the Native American Indian Program, and the Spanish-Speaking Outreach Institute (see Resource Centers).

[4] A Vocational Rehabilitation Division counselor has office space in DSC.

[5] Career planning and vocational guidance is available to adults in the Office of Continuing Education.

TABLE 7

Resource Centers

Students	Office to Consult
minority groups: Blacks, Latins, American Indians, educationally disadvantaged whites[1,2]	Experimental Program in Higher Education Pilot Program for Inner City High Schools
Blacks[3]	Department of Afro-American Studies
Latins[4]	Spanish-Speaking Outreach Institute
American Indians[5]	Native American Indian Program
veterans	Student Information Office
women[6]	Department of Student Counseling
physically handicapped	-----

[1] Established in September 1969, the Experimental Program in Higher Education (EPHE) followed a one-year experimental project for aiding "culturally distinct" students. Since its inauguration as a project in Fall 1968, EPHE has enrolled 664 students. The retention rate (students still enrolled or graduated) has been 56.8%. In Spring 1972, 321 students completed the semester as EPHE students.

Almost all EPHE students are from Milwaukee County and 86-90% of them qualify for state and federal funds. The Program does not recruit students, but many are referred by other students and by community agencies. Veterans are encouraged to use the EPHE resources. The Spring 1972 population of the Program was 53.5% Black, 41.1% white, 3.2% Latin, and 2.2% American Indian. Of this group, 84.1% did not meet normal admissions requirements (most students were in the lower 40% of their high school graduation class), yet the mean grade point average for Spring was 2.39 (on a 4.00 system)--an indication of the students' ability to succeed.

EPHE assigns specific advisers to its students who offer counseling on academic and personal matters, give assistance in community adjustment, and arrange for tutorial help. Two staff members provide vocational-career counseling using the EPHE library materials and the testing services of the Student Counseling Department. The services of the Learning Skills Laboratory, a section of the Department, are also available. Students not succeeding academically may be kept on probation for longer than usual periods, and they may request additional services if they feel these are necessary in order for them to succeed.

No special EPHE courses are offered, but certain UWM courses have special discussion sections for the students. Departments recommend teachers who are especially interested in working with educationally disadvantaged students, and EPHE has, on occasion, provided funds for special sections of courses or faculty members.

[2]The Pilot Program for Inner City High Schools is an activity of CLS. This Program gives tutorial and advising assistance to regularly admissible inner-city students in need of supportive services. These tutoring and special services are coordinated with the Counseling Department, Student Information Center, Learning Skills Laboratory, and EPHE.

Students receive advisement regarding class work and course selection, majors, and career goals during their freshman and sophomore years. Upon reaching junior standing, they are terminated in the Pilot Program and receive further advising in their major departments.

Future plans include recruitment efforts in the Milwaukee high schools and through community and social agencies and further and more intensive advisement. A larger budget, additional personnel, and more adequate office space are being requested. The Program presently accommodates approximately forty students.

[3]The Department of Afro-American Studies is responsible in many instances for the retention of Black students on the UWM campus because of the students' intense interest in its course offerings and instructors. Departmental faculty members teach courses at the introductory level, including Afro-American literature and composition, history, education, dance, and politics. No major is offered by the Department, but students electing a Committee Interdisciplinary Major (see Unique Programs) may choose a major in this area.

[4]The Spanish-Speaking Outreach Institute (SSOI) serves its community and students by presenting English classes at all levels, preparing people to take the GED, providing information on admissions, major programs, and financial aid for prospective UWM students, offering tutorial assistance and counseling in personal and vocational matters to admitted UWM students, and offering professional counseling to members of the Latin community. Credit courses for admitted UWM students include sociology, social work, and education classes in addition to English; noncredit courses for all interestes persons are offered in speed reading, note taking, Spanish composition, and public speaking; seminars are held for the community on drugs.

[5] The Native American Indian Program is housed in CLS but open to all Indian students--at the present time there are about 40 students on campus, and about 10 new students were admitted Fall 1972 into the Program. Staff members teach courses and advise students. The Program has applied for a grant to provide for the services of a recruiter for Indian areas of Wisconsin and a full-time counselor.

The director of the Program, Buck Martin, is presently developing a linguistics program for CLS. A credit course, "Structure of the Ojibwa Language," which started in Summer 1972 is the first course in a Native American language offered in the UW system. Students in the first class included adult Indians of the Ojibwa Nation. The course is structured around two aspects: the terminology for discussing a language and the methods for teaching a language. Long range goals for the linguistics program include courses in one language from each of the three major linguistics stocks in Wisconsin--Algonkian, Iroquoian, and Siouan.

[6] There is no official Women's Center on campus at present, but there is a good deal of University interest in women's rights, women's studies, and the possible development of a center. A women's consciousness group was sponsored Summer 1972 by the Department of Student Counseling (DSC). During the Fall 1972 Student Orientation sessions, there was a panel on "Women in Academe," films, and other presentations. Credit courses in the area of women's studies are listed in the course timetable. Counselors in DSC will help mature women get admitted into a college program.

TABLE 8

Special Services

Service			Office to Consult	Comments
Financial Aid	yes	no		
state grants	x		Office of Financial Aids	
EOG	x			
military scholarships		x		
university scholarships	x			
other scholarships	x			
university loans (short and long term)	x			
National Defense Student Loans	x			
guaranteed loans	x			
United Student Aid Funds Program		x		
emergency aid	x			
equal by sex	x			
equal for part-time students	x			
Health Services	yes	no	Student Health Services	Available only to registered students.
for spouse/dependents		x		
gynecological services	x			
psychiatric counseling	x			
equal for part-time students	x			
Hospital-medical-surgical insurance	yes	no		
including pregnancy and childbirth	x		Office of Student Government	
for part-time students	x			

TABLE 8
(continued)

Special Services

[illegible]erv[illegible]			Off[illegible] t[illegible]ons	[illegible]om[illegible]ts
Participation in Activities/Organizations	yes	no	Student Activities Office	
equal for part-time	x			
equal for women and men	x			
Housing	yes	no	Department of Housing	
equal for part-time	x			
Child care facilities			Student Activities Office	Operated by a student staff. Charge of 50¢/hour.
Interlibrary loan			Library	
Recreational facilities			Student Information Center	
Tutorial services[1]			Student Information Center	
Placement services			Director of Placement	
Participation in athletic programs			Intercollegiate Athletic Office	Big Ten rules apply to participation in intercollegiate sports.
Short-term leaves			CLS Office	
Other services				
Student Information Center[2]			162 Mellencamp Hall	
Adult division			Office of Continuing Education Kenwood Center	Special services for adults beginning their college work or continuing after an absence from school.

[1] Tutorial help is available even before admission for prospective EPHE students. GED preparation, in individual and small tutoring sessions, is given to any who request these services.

[2] The Student Information Center, UWM Student Services, provides general information on campus and community resources and programs, expedites solutions to problems of students, and attempts to cope with University red-tape. The Center also coordinates New Freshman Advising and Registration, provides peak time advising services, and operates a student tutoring clearinghouse service.

TABLE 9

Unique Programs

Program	Undergraduate Degree Offered	Transfer Students Accepted Into Program
Bachelor of Arts (General Curriculum)	B.A.	yes
Committee Interdisciplinary Major	B.A. or B.S.	yes
Biological Aspects of Conservation	B.A. or B.S.	yes
International Relations	B.A.	yes
Freshman Seminar Program	-----	yes--if the student has freshman standing

Maximum flexibility for the very innovative student is offered by the Bachelor of Arts (General Curriculum) program. The only requirements are that the student complete a total of 120 credits, with 90 credits in the College, and 45 of these in upper division (junior and senior) courses. The program is open to itinerant students and to those seeking a second degree. Students are encouraged to declare this degree option early and are required to speak with an adviser in the College Office at least once each semester. The intent of the program is not to be just a collection of courses, but rather a planned program to meet particular educational objectives.

The Committee Interdisciplinary Major (CIM) opens up new opportunities for degrees by widening the opportunity for intensive coursework in more than one department. The student submits a "Declaration of Committee Interdisciplinary Major" which must be approved by the chairman of a committee of three or more faculty members (chosen by the student from at least two departments), by the chairman of each department in which work in the major will be taken, and by the Office of Student Academic Services and Special Programs.

Students electing CIM must present at least 30 credits of coursework in the major in two or more departments; 15 of the 30 credits must be in upper division courses. No more than 45 credits from any one department will be counted toward the total 120 hours for graduation, and at least 18 credits of the major must be earned in CLS courses. The program would be attractive to itinerant students who are well-oriented to college work and who are mature. The student must have a specific academic plan in mind; for copies of the Declaration, see the CLS Office.

Two interdepartmental majors are available in the areas of Biological Aspects of Conservation and International Relations. The first provides a broad background in environmental problems and conservation, a thorough understanding of the effects of the "resources-population-pollution syndrome" on the quality of the environment, and additional training in the physical, earth, and social sciences. The second includes a basic core of courses in the area of international relations plus specialization in one of four areas: Traditional International Relations and American Foreign Policy, Underdeveloped Areas, Regional Specialization, and International Economics.

The Freshman Seminar Program is limited to 20 students per course. Seminars, mainly in interdisciplinary areas, are taught by selected faculty members. Twenty different seminars are planned by

1973; ten of these will be offered off campus to attract campus students to the community and community people into UWM. The Program encourages interaction between University and community, and plans working with the resources available through SSOI and other units.

Plans for the future in CLS include "Unisearch," a program of four semesters of work in the freshman and sophomore years organized around topics. The four units will include classes in the areas of natural history, urban studies, humanities and fine arts, and science and the future. Students will be able to elect from one to four semesters of work. Each semester will satisfy one of the four College area requirements in natural science, social science, humanities, and mathematics and laboratory science. The attempt here is to bring an intellectual focus to the work taken in the first two years of college.

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APPENDIX 1

Key to Abbreviations Used in the Text

A.A.	Associate in Arts degree
A.A.S.	Associate in Applied Science degree
A.C.T.	American College Testing Program (test battery used for admissions purposes)
Advanced Placement	A testing program for high school seniors which provides college credits on the basis of college-level performance; administered by the College Entrance Examination Board
A.S.	Associate of Science degree
B.A.	Bachelor of Arts degree
B.F.A.	Bachelor of Fine Arts degree
B.S.	Bachelor of Science degree
CEEB	College Entrance Examination Board
CLEP	College-Level Examination Program of CEEB
EOG	Equal Opportunity Grants; a federal program of financial assistance to undergraduate students.
GED	Tests of General Education Development. These may be used in lieu of a high school diploma for college admissions purposes.
placement	Tests administered by a college to determine the level of knowledge and ability; given in various areas but particularly common in foreign languages, mathematics, English composition, and chemistry.
point system	A method used in computation of grade point average. The most common point system in the CIC is the four-point system in which A=4, B=3, C=2, D=1; this method is used at the University of Chicago, Indiana University, Indiana University-Purdue University at Indianapolis, University of Iowa, University of Michigan, Michigan State University, University of Minnesota, Northwestern University, Ohio State University, University of Wisconsin at Madison, University of Wisconsin at Milwaukee. A five-point system (A=5, B=4, etc.) is used at the University of Illinois at Chicago Circle and the University of Illinois at Urbana; a six-point system is used at Purdue University.

proficiency	Tests administered for the same purpose as placement tests, but given in many more areas or in specific courses and often carrying college credit for successful achievement. CIC schools use different terminologies--placement tests may carry credit, proficiency tests may not. In this GUIDE, Table 3 for each school lists examinations given for credit. Credit granted counts toward graduation, and thus shortens the period of time required for completion of a degree.
SAT	Scholastic Aptitude Test of the CEEB, an admissions test. CEEB also offers Achievement Tests used by some universities as part of admissions requirements.
USAFI	United States Armed Forces Institute

APPENDIX 2

USEFUL ADDRESSES FOR CIC SCHOOLS

University of Chicago
Chicago, Illinois 60637

1. Admissions Office:
   Office of Admissions and Aid
   5737 University Avenue

2. Financial Aid Office:
   Office of Admissions and Aid
   5737 University Avenue

3. Housing Office:
   Office of Student Housing
   Room 232 Administration Building
   5801 South Ellis Avenue

4. Placement Office:
   Office of Career Counseling and Placement
   Room 200 Reynolds Clubhouse
   5706 University Avenue

5. College Office:
   Office of the Dean of Undergraduate Students
   The College
   Room 117 Gates-Blake Hall
   5845 Ellis Avenue

6. Counseling Service:
   University Health Service
   Student Mental Health Clinic
   5743 Drexel Avenue

7. Dean of Students Office:
   Dean of Students Office
   Room 219 Administration Building
   5801 South Ellis Avenue

8. Extension Division:
   University Extension
   Room 121 Center for Continuing Education
   1307 East 60th Street

9. Correspondence Division:
   ---

10. Testing Service (if separate from Counseling):
    ---

11. V.A. Benefits Office:
    Adviser to Veterans
    Room 103 Administration Building
    5801 South Ellis Avenue

12. Women's Center:
    ---

13. Minorities Center:
    Dean of Students Office
    Room 219 Administration Building
    5801 South Ellis Avenue

University of Illinois at Chicago Circle
(Box 4348) Chicago, Illinois 60680

1. Admissions Office:
   Office of Admissions and Records
   Library, 1-120 South Wing

2. Financial Aid Office:
   Office of Financial Aid
   Room 1320 University Hall

3. Housing Office:
   Auxiliary Services Office
   Room 704 Chicago Circle Center

4. Placement Office:
   Placement Services
   Room 4061 Behavioral Sciences Building

5. College Office:
   College of Liberal Arts and Sciences
   Room 350 University Hall

6. Counseling Service:
   Student Counseling Service
   Room 1027 University Hall

7. Dean of Students Office:
   Student Affairs
   Room 828 University Hall

8. Extension Division:
   Division of University Extension
   University of Illinois at Chicago Circle
   Room 1315 Science and Engineering Offices Building

   Division of University Extension
   University of Illinois at Urbana-Champaign
   Urbana, Illinois 61801

9. Correspondence Division:
Division of University Extension
University of Illinois at Chicago Circle
Room 1315 Science and Engineering Offices Building

Division of University Extension
University of Illinois at Urbana-Champaign
Urbana, Illinois 61801

10. Testing Service (if separate from Counseling):
Testing Services
Room 60 Krannert Building

11. V. A. Benefits Office:
Veterans Benefits
Room 812 University Hall

12. Women's Center:
---

13. Minorities Center:
Educational Assistance Program
Room 1234 Science and Engineering Offices Building

Native American Program
Room 344 Education and Communication Building

University of Illinois at Urbana-Champaign
Urbana, Illinois 61801
Champaign, Illinois 61820

1. Admissions Office:
Director of Admissions and Records
Room 108 Administration Building
Urbana

2. Financial Aid Office:
Office of Student Financial Aid
Room 109, 707 South Sixth Street
Champaign

3. Housing Office:
Housing Information
Room 420 Student Services Building
610 East John Street
Champaign

4. Placement Office:
Coordinating Placement Office
Room 2 Student Services Building
610 East John Street
Champaign

5. College Office:
   Liberal Arts and Sciences
   Room 270 Lincoln Hall
   Urbana

6. Counseling Service:
   Psychological and Counseling Center
   206 Student Services Building
   610 East John Street
   Champaign

7. Dean of Students Office:
   Dean of Students Office
   310 Student Services Building
   610 East John Street
   Champaign

8. Extension Division:
   Extension Division
   118 Illini Hall
   Champaign

9. Correspondence Division:
   Director of Correspondence Study
   Division of University Extension
   104 Illini Hall
   Champaign

10. Testing Service (if separate from Counseling):
    ---

11. V.A. Benefits Office:
    Veteran's Educational Benefit
    Room 109, 707-709 South Sixth Street
    Champaign

12. Women's Center:
    Student Personnel Office for Continuing Education
    Room 130 Student Services Building
    610 East John Street
    Champaign

13. Minorities Center:
    Educational Opportunities Program
    Room 130 Student Services Building
    610 East John Street
    Champaign

Indiana University
Bloomington, Indiana 47401

1. Admissions Office:
   Office of Records and Admissions
   Student Services Building

2. Financial Aid Office:
   Office of Scholarships and Financial Aids
   Student Services Building

3. Housing Office:
   Housing Information
   801 North Jordan

4. Placement Offices:

   a) Bureau of Educational Placement
      Room 236 Education Building

   b) Business Placement Office
      Room 232 Business Building

   c) Government Placement Office
      Room 001 Kirkwood Hall

5. College Office:
   College of Arts and Sciences
   Room 104 Kirkwood Hall

6. Counseling Service:
   Counseling and Psychological Services Center
   Room 221 Maxwell Hall

7. Dean of Students Office:
   Dean of Students Office
   Memorial West

8. Extension Division:
   Division of Continuing Education
   Room 205 Owen Hall

9. Correspondence Division:
   Independent Studies Division, Continuing Education
   Owen Hall, Ground Floor

10. Testing Service (if separate from Counseling):
    Bureau of Educational Studies and Testing
    Room 253 Education Building

11. V.A. Benefits Office:
    Veterans Affairs Office
    Student Services Building

12. Women's Center:
    Dean for Women's Affairs
    Memorial Hall East 122

13. Minorities Center:
    Black Culture Center
    109 North Jordan

Indiana University/Purdue University at Indianapolis
Indianapolis, Indiana 46202

1. Admissions Office:
   Office of Admissions
   Administration Building
   1201 West 38th Street

2. Financial Aid Office:
   Student Financial Aids Office
   Room 322 Cavanaugh Hall
   925 West Michigan

3. Housing Office:
   Single Students Dormitory 326

4. Placement Office:
   Student Placement Office
   Room 60 Krannert Building
   1125 West 38th Street

5. College Office:
   Arts and Sciences Office
   Room 403 Cavanaugh Hall
   925 West Michigan

6. Counseling Service:
   University Division
   Room 303 Classroom-Administration Building
   925 West Michigan

7. Dean of Students Offices:
   Student Services
   347 Cavanaugh Hall
   925 West Michigan

8. Extension Division:
   Continuing Education
   Room 101F Administration Building
   1201 West 38th Street

9. Correspondence Division:
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10. Testing Service (if separate from Counseling):
    Room 60 Krannert Building

11. V.A. Benefits Office:
    Veterans Administration
    Educational Benefits Office

12. Women's Center:
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13. Minorities Center:

University of Iowa
Iowa City, Iowa 52240

1. Admissions Office:
   Office of Admissions and Records
   Room 1 Jessup Hall

2. Financial Aid Office:
   Office of Student Financial Aids
   Room 106 Old Dental Building

3. Housing Office:
   University Housing Office
   330 N. Capitol Street

4. Placement Offices:
   Career Counseling and Placement Office
   Iowa Memorial Union

   Educational Placement Office
   Room C103 East Hall

5. College Office:
   College of Liberal Arts
   Room 108 Schaeffer Hall

6. Counseling Service:
   University Counseling Service
   Iowa Memorial Union and East Hall

7. Dean of Students Offices:
   Office of the Vice Provost for Student Services
   Room 101 Jessup Hall

   Dean of Students Office
   Iowa Memorial Union

8. Extension Division:
   Extension Division
   Room C 107 East Hall

9. Correspondence Division:
Correspondence Study
Room C 112 East Hall

10. Testing Service (if separate from Counseling):
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11. V.A. Benefits Office:
Veterans Service
Room 1 Jessup Hall

12. Women's Center:
Women's Center
3 East Market Street

13. Minorities Center:
Special Support Services
Room 204 Gilmore Hall

University of Michigan
Ann Arbor, Michigan 48104

1. Admissions Office:
Director of Admissions
Room 1220 Student Activities Building

2. Financial Aid Office:
Office of Financial Aid
Room 2011 Student Activities Building

3. Housing Office:
Housing Office
Room 3011 Student Activities Building

4. Placement Office:
Career Planning and Placement
Room 3200 Student Activities Building

5. College Offices:
College of Literature, Science and the Arts
Freshmen and Sophomore Counseling Offices
Room 1213 Angell Hall

Junior and Senior Counseling Offices
Room 1223 Angell Hall

6. Counseling Services:
Counseling Services
Third Floor Michigan Union

Counseling Center
1007 East Huron

7. Dean of Students Office:
   Office of Student Services
   Third Floor, Michigan Union

8. Extension Division:
   Extension Service
   412 Maynard

9. Correspondence Division:
   Extension Service
   412 Maynard

10. Testing Service (if separate from Counseling):
    Counseling Center
    1007 East Huron

11. V.A. Benefits Office:
    Office of Veteran Affairs
    Room 154 L.S.A. Building

12. Women's Center:
    Center for Continuing Education of Women
    330 Thompson Street

13. Minorities Centers:
    Opportunity Program
    Room 1014 Angell Hall

    Coalition for the Use of Learning Skills
    Room 1021 Angell Hall

Michigan State University
East Lansing, Michigan 48823

1. Admissions Office:
   Office of Admissions and Scholarships
   Room 250 John A. Hannah Administration Building

2. Financial Aids Office:
   Office of Financial Aids
   Room 265 Student Services Building

3. Housing Offices:
   Residence Halls
   Assignment Office
   Room W-190 Holmes Hall

   Off-Campus Housing Office
   Room 101 Student Services Building

4. Placement Office:
   Placement Bureau
   Room 146 Student Services Building

5. College Offices:
   College of Arts and Letters
   Room 200 Linton Hall

   College of Natural Science
   Room 103 Natural Science Building

   College of Social Science
   Room 205 Berkey Hall

6. Counseling Service:
   Counseling Center
   Room 207 Student Services Building

7. Dean of Students Office:
   Dean of Students Office
   Student Affairs
   Room 152 Student Services Building

8. Extension Division:
   University Extension
   Room 114 Kellogg Center

9. Correspondence Division:
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10. Testing Service (if separate from Counseling):
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11. V.A. Benefits Office:
    Veterans Guidance Center
    Room 14 Student Services Building

12. Women's Center:
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13. Minorities Centers:
    Assistant Provost for Special Programs
    Room 444 Administration Building

    Special Programs
    Room 32 Union Building

University of Minnesota
Minneapolis, Minnesota 55455

1. Admissions Office:
   Office of Admissions
   Room 6 Morrill Hall

2. Financial Aid Office:
   Office of Student Financial Aid
   Room 107 Armory Hall

3. Housing Office:
   Housing Offices (on campus)
   312 Fifteenth Avenue. S.E.

4. Placement Office:
   College Placement Office
   Room 17 Johnston Hall

5. College Offices:
   College of Liberal Arts - Lower Division
   Room 214 Johnston Hall

   College of Liberal Arts - Upper Division
   Room 225 Johnston Hall

   CLA Office of Special Learning Opportunities
   Room 105 Johnston Hall

   University College
   Room 105 Walter Library

   General College
   Room 106 Nicholson Hall

   Institute of Technology
   Room 106 Main Engineering

6. Counseling Service:
   Student Counseling Bureau
   Room 101 Eddy Hall

7. Dean of Students Office:
   Office of Student Affairs
   Room 16 Morrill Hall

8. Extension Division:
   Office of Evening and Special Classes
   Room 57 Nicholson Hall

9. Correspondence Division:
   Correspondence Study
   Room 25 Wesbrook Hall

10. Testing Service (if separate from Counseling):
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11. V.A. Benefits Office:
    Veteran's Benefits
    National Service Adviser
    Room 105 Morrill Hall

12. Women's Centers:
    Planning and Counseling Center for Women
    Room 301 Walter Library

    Department of Continuing Education for Women
    Room 138 Wesbrook Hall

13. Minorities Centers:
    Martin Luther King Program (CLA)
    Room 19 Johnston Hall

    Martin Luther King Program
    Room 14 Morrill Hall

    Consolidated HELP Center
    331 Seventeenth Avenue S.E.

Northwestern University
Evanston, Illinois 60201

1. Admissions Office:
   Undergraduate Admission Office
   Rebecca Crown Center

2. Financial Aid Office:
   Office of Financial Aid
   Rebecca Crown Center

3. Housing Office:
   Undergraduate Housing Office
   Room 215 Scott Hall

4. Placement Office:
   Placement Center
   1940 Sheridan Road

5. College Office:
   College of Arts and Sciences
   Rebecca Crown Center

6. Counseling Service:
   Student Counseling Service
   Room 216 Scott Hall

7. Dean of Students Office:
   Office of Student Affairs
   Room 200 Scott Hall

8. Extension Division:
   Evening Divisions
   Wieboldt Hall
   Chicago, Illinois 60611

9. Correspondence Division:
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10. Testing Service (if separate from Counseling):
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11. V.A. Benefits Office:
    Veteran's Office
    Scott Hall

12. Women's Center:
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13. Minorities Center:
    Office of Minority Affairs
    Black House
    1914 Sheridan Road

Ohio State University
Columbus, Ohio 43210

1. Admissions Office:
   Office of Admissions
   Room 102 Administration Building
   190 North Oval Drive

2. Financial Aid Office:
   Office of Student Financial Aids
   Room 202 Student Services Building
   154 West 12th Avenue

3. Housing Office:
   Office of Student Housing
   640 Lincoln Tower
   1800 Cannon Drive

4. Placement Office:
   Placement Office for the Arts and Sciences
   Brown Hall
   190 West 17th Avenue

5. College Office:
   College of the Arts and Sciences
   Denny Hall
   164 West 17th Avenue

6. Counseling Service:
   University Counseling Center
   Room 28 Student Services Building
   154 West 12th Avenue

7. Dean of Students Office:
   Dean of Students Office
   Room 442 Ohio Union
   1739 North High Street

8. Extension Division:
   Division of Continuing Education
   540 Lincoln Tower
   1800 Cannon Drive

9. Correspondence Division:
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10. Testing Service (if separate from Counseling):
    University Testing Service
    Room 300 Student Services Building
    154 West 12th Avenue

11. V.A. Benefits Office:
    The Ohio State University Veterans Center
    Room 201 Student Services Building
    154 West 12th Avenue

12. Women's Center:
    Assistant Dean in charge of women's programs
    Dean of Students Office
    Room 458 Ohio Union
    1739 North High Street

13. Minorities Center:
    Office of the Vice Provost for Minority Affairs
    Room 308 Administration Building
    190 North Oval Drive

Purdue University
West Lafayette, Indiana 47907

1. Admissions Office:
   Director of Admissions
   Executive Building

2. Financial Aid Office:
   Division of Financial Aids
   Agricultural Annex II

3. Housing Office:
   Director of Residence Halls
   Residence Halls Administration Building

4. Placement Office:
   Placement Service
   Stewart Center

5. College Offices:
   School of Humanities, Social Science, and Education
   Stanley Coulter Hall

   School of Science
   Mathematical Sciences Building

6. Counseling Service:
   Dean of Men - Dean of Women
   Executive Building

7. Dean of Students Office:
   Dean of Men - Dean of Women
   Executive Building

8. Extension Division:
   Division of Conferences and Continuation Services
   Stewart Center

9. Correspondence Division:
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10. Testing Service (if separate from Counseling):
    Psychological Services Center
    Education Building

11. V.A. Benefits Office:
    Veterans' and Selective Service Counseling
    Executive Building

12. Women's Center:
    Span Plan Annex
    Office of Dean of Women
    Executive Building

13. Minorities Center:
    Black Cultural Center
    315 University Street

University of Wisconsin at Madison
Madison, Wisconsin 53706

1. Admissions Office:
   Office of Admissions
   Room 140 Peterson Office Building
   750 University Avenue

2. Financial Aid Office:
   Office of Student Financial Aids
   432 North Murray Street

3. Housing Office:
   Office of Student Housing
   433 North Murray Street

4. Placement Office:
   Career Advising and Placement
   Room 117 Bascom Hall

5. College Office:
   College of Letters and Science
   Room 102 South Hall

6. Counseling Service:
   Counseling Center
   415 West Gilman Street

7. Dean of Students Office:
   Dean of Students
   Room 108 Bascom Hall

8. Extension Division:
   University of Wisconsin Extension
   Madison Area Programs
   432 North Lake Street

   Office of Special Students
   602 State Street

9. Correspondence Division:
   Independent Study Office
   Room 227 Extension Building
   432 North Lake Street

10. Testing Service (if separate from Counseling):
    Testing Office
    Counseling Center
    415 West Gilman Street

11. V.A. Benefits Office:
    Registration and Records
    Room 151 H
    Peterson Office Building
    750 University Avenue

12. Women's Center:
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13. Minorities Center:
    Five-Year Program for Tutorial and Financial Assistance
    Room 310
    432 North Murray Street

University of Wisconsin at Milwaukee
(P.O. Box 413)
Milwaukee, Wisconsin 53201

1. Admissions Office:
   Admissions and Records
   Room 262 Mellencamp Hall

2. Financial Aid Office:
Student Financial Aids
Room 212 Mellencamp Hall

3. Housing Office:
Director of Housing
Carl Sandburg Commons

4. Placement Office:
Placement Service
Room 112 Mellencamp Hall

5. College Office:
College of Letters and Science
Sandburg W1240

6. Counseling Service:
Department of Student Counseling
Room 128 Mellencamp Hall

7. Dean of Students Office:
Dean of Students
Room 118 Mellencamp Hall

8. Extension Division:
Office of Continuing Education for Adults
Room 279 Kenwood Conference Center

9. Correspondence Division:
Independent Study Office
Room 227 Extension Building
432 North Lake Street
Madison, Wisconsin 53706

10. Testing Service (if separate from Counseling):
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11. V.A. Benefits Office:
Veteran's Affairs
Room 162 Mellencamp Hall

12. Women's Center:
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13. Minorities Centers:
Spanish-Speaking Outreach Institute
262 Mellencamp Hall
-or-
805 S. Fifth Street

Native American Indian Program
College of Letters and Science

Experimental Program in Higher Education
Sandburg West Tower

Pilot Program
College of Letters and Science

APPENDIX 3

APPLICATION AND REGISTRATION FEES AND DEADLINES

The material listed in this appendix represents the policies of the CIC schools as of February 1973. Fees and application deadlines are subject to change.

Tuition and fees are given for full-time, undergraduate registration. In some CIC schools, reduced tuition and fees are possible for students carrying part-time programs. For further information consult the Admissions Office of the specific CIC school.

UNIVERSITY OF CHICAGO

Application

1973-1974 Deadlines:	Freshman Transfer	January 15 April 1
Fee:	$15	
Approximate Date of Notification:	Freshman Transfer	April 15 June and July

Tuition and Fees

The University does not use legal residence in determining its tuition and fee structure.

Tuition and fees are $2,895 per year plus a $75 orientation fee.

Optional Fees

None.

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE

Application

1973-1974 Deadlines:	Fall Quarter	May 1
	Winter Quarter	December 1
	Spring Quarter	March 1
	Summer Quarter	June 1
Fee:	$20	
Approximate First Date of Notification:	Fall Quarter	March 1
	Winter Quarter	October 30
	Spring Quarter	February 1
	Summer Quarter	May 15

Tuition and Fees

A resident is defined as a student who is a citizen or a permanent immigrant of the United States who has established and maintained a bona fide residence in the State of Illinois for at least six months prior to the beginning of the term. The rules and regulations governing residency determination, however, provide for some students to be classified residents immediately upon moving to the State of Illinois. Also, the nonresident portion of tuition is waived for some nonresident students.

Resident tuition and fees for 12 or more hours per quarter are:

Tuition	$165
Service Fee	32
Hospital-Medical-Surgical Insurance	15
Total	$212

Nonresident tuition and fees for 12 or more hours per quarter are:

Tuition	$495
Service Fee	32
Hospital-Medical-Surgical Insurance	15
Total	$542

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE (continued)

Optional Fees

Special Examination Fee	$10
Late Registration Fine	15
Deferred Fee Charge	2

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Application

1973-1974 Deadlines:	Freshmen: Students are strongly urged to submit applications as soon after September 25 as possible and prior to November 15. Completed applications received after November 15 will be considered for the remaining spaces on a first-come, first-served basis, if their qualifications meet the standards. Transfer and Readmission: Students are strongly urged to submit applications as soon after March 1 as possible and prior to April 15. Completed applications received after April 15 will be considered for the remaining spaces on a first-come, first-served basis, if their qualifications meet the standards.
Fee:	$20
Approximate Date of Notification:	January 6 for beginning applicants who had completed applications on file by the end of the equal consideration period (November 15).

Tuition and Fees

A resident is defined as a student who is a citizen or a permanent immigrant of the United States who has established and maintained a bona fide residence in the State of Illinois for at least six months prior to the beginning of the term. The rules and regulations governing residency determination, however, provide for some students to be classified residents immediately upon moving to the State of Illinois. Also, the nonresident portion of tuition is waived for some nonresident students.

Resident tuition and fees per year are:

Tuition	$496
Service Fee	116
Hospital-Medical-Surgical Insurance*	74
	$686

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (continued)

Tuition and Fees (continued)

Nonresident tuition and fees per year are:

Tuition	$1,486
Service Fee	116
Hospital-Medical-Surgical Insurance*	74
	$1,676

*Students presenting evidence of equivalent coverage may receive a waiver of the insurance portion of the Hospital-Medical-Surgical Fee ($30 per academic year).

Optional Fees

None.

INDIANA UNIVERSITY

Application

1973-1974 Deadlines:	Fall Semester Spring Semester	July 1 December 1
Fee:	$15	
Approximate Date of Notification:	Within two weeks of receiving all credentials.	

Tuition and Fees

A resident is defined as a dependent minor whose parents are legal residents of Indiana; a serviceman on active duty who entered military service from Indiana; an independent minor student whose home residence is Indiana.

Resident tuition and fees are $325 per semester.

Nonresident tuition and fees are $745 per semester.

Optional Fees

Applied Music	$35 per semester
Health Insurance	20 per semester
Student Teaching	50 per semester

INDIANA UNIVERSITY/PURDUE UNIVERSITY AT INDIANAPOLIS

Application

1973-1974 Deadlines:	Applications are accepted up to the last day of registration.
Fee:	$15
Approximate Date of Notification:	One week to ten days.

Tuition and Fees

A resident is defined as a student living in Indiana for one year prior to the first day of classes.

Resident tuition is $20 per credit hour. Books, fees, and supplies are estimated at $400 per semester.

Nonresident tuition is $40 per credit hour. Books, fees, and supplies are estimated at $700 per semester.

Optional Fees

None.

UNIVERSITY OF IOWA

Application

1973-1974 Deadlines:	Fall Semester	August 12
	Spring Semester	January 1
	Summer Session	May 21
Fee:	$10	
Approximate Date of Notification:	Two to three weeks--rolling admissions and notification.	

Tuitions and Fees

For a minor, a student is defined as a resident if the student's parents live in Iowa. For an adult, a student is defined as a resident if he or she has lived in the state for twelve consecutive months prior to enrollment.

Resident tuition and fees are $620 per academic year.

Nonresident tuition and fees are $1,250 per nine months.

Optional Fees

Supplemental Health Insurance	$32
Private Music Lessons	50 per semester

UNIVERSITY OF MICHIGAN

Application

1973-1974 Deadlines: (Dates given are for equal consideration; applications will be considered as long as places are available.)

Freshman:	Fall Term	February 1
	Winter Term	December 1
	Spring Term	February 1
	Summer Term	March 1
Transfer:	Fall Term	March 1
	Winter Term	December 1
	Spring Term	February 1
	Summer Term	March 1

Fee: $15

Approximate Date of Notification: A combination of rolling, postponed, delayed, and rejected categories is used: a) If clearly admissible and space is available, within a month; b) If clearly admissible but must compete for space, two to three months; c) If admissibility is not established, time will vary.

Tuition and Fees

A resident is defined as one who has, or comes from a family that has, resided in Michigan for six months, while not being enrolled in a college for more than three semester hours credit.

The main fee (tuition) for resident freshmen is $348 per semester.

The main fee (tuition) for nonresident freshmen is $1,130 per semester.

Optional Fees

English Language Institute	
Intensive course - 15 weeks	$750.00
Intensive course - 8 weeks	460.00
Student Government Fee	1.50 per term
Late Registration Fee	15.00

UNIVERSITY OF MICHIGAN (continued)

Optional Fees (continued)

Laboratory Fees, Deposits	*
Diplomas, Student Receipts, etc.	*
Short Courses, Conferences, Institutes	*

*Established by the Committee on Budget Administration.

MICHIGAN STATE UNIVERSITY

Application

1973-1974 Deadlines:	Thirty days prior to the beginning of any term.
Fee:	$10
Approximate Date of Notification:	Usually within four to six weeks from the receipt of the application.

Tuition and Fees

A resident is defined as one who has resided in Michigan for a period of six months immediately preceding the first enrollment at the University.

Resident tuition and fees are $15 per credit hour, approximately $675 per year.

Nonresident tuition and fees are $34 per credit hour, approximately $1,530 per year.

Optional Fees

Health Insurance	$35.50
Student Newspaper	1.00
Motor Vehicle Registration	6.00

UNIVERSITY OF MINNESOTA

Application

1973-1974 Deadlines:	Fall Quarter	July 15
	Winter Quarter	November 15
	Spring Quarter	February 15
Fee:	$10	
Approximate Date of Notification:	Three to six weeks after application.	

Tuition and Fees

State residency is based first on one continuous year's residence in Minnesota and second on intention to remain in-state.

Resident tuition and fees for the 1972-1973 academic year were $504 plus $136.50.

Nonresident tuition and fees for the 1972-1973 academic year were $1,410 plus $136.50.

Optional Fees

Laboratory Fee	$ 4
Credit by Special Examination	20
Credentials Examination Fee	10
Chemistry Deposit	10
Graduation Fee (including small diploma) for each degree	10
Microscope Rental Fee	
partial use, one quarter	3
continuous use, one quarter	6
Late Registration Fee	
through first week of classes	6
through second week of classes	10
third week of classes and thereafter	20
Records Service Fee (this fee, required of all new students, provides three certified copies of student records)	3
Special Examination Fee	20

NORTHWESTERN UNIVERSITY

Application

(Fee and dates are subject to change; they will be finalized by September 1, 1973.)

1973-1974 Deadlines:	An applicant chooses to be considered under either the Early Notification Plan or the Regular Notification Plan. Consideration is possible under only one or the other--not both.	
	Early Notification Plan	January 1
	Regular Notification Plan	March 1
Fee:	$15	
Approximate Date of Notification:	Early Notification Plan	February 1
	Regular Notification Plan	March 15 - April 15

Tuition and Fees

The University does not use legal residence in determining its tuition and fee structure.

Tuition and fees are $3,000 per year.

Optional Fees

Excess Course Fee	$300 per course
Audited Course Fee	275 per course
Make-up Laboratory Time	variable
Laboratory Breakage Fee	variable
Change of Registration Fee	5
Late Registration Fee	15
Late Health Service Requirement Fee	2
Reinstatement Fee	10
Field Trip Fees	variable

OHIO STATE UNIVERSITY

Application

1973-1974 Deadlines: August 15

Fee: $10

Approximate Date of Notification: Rolling admissions policy.

Tuition and Fees

A person may register as a resident for fee purposes under the following qualifications: (1) Dependent student: parents or appointed legal guardian must have resided in Ohio for twelve consecutive months or more immediately preceding the student's enrollment, or if they reside in Ohio and at least one parent or appointed legal guardian is gainfully employed on a full-time basis in Ohio. (2) Independent student: a) the student has resided in the state uninterruptedly for twelve consecutive months or more immediately preceding enrollment and presents satisfactory evidence that the parents or legal guardian have not contributed to his or her support during the preceding twelve months and do not claim him or her as a dependent for federal income tax purposes; or b) the student has resided in the state uninterruptedly for twelve consecutive months or more immediately preceding enrollment and is completely self-supporting; or c) the student resides in Ohio, is gainfully employed on a full-time basis, is pursuing a part-time program of instruction (six credit hours or fewer), and there is reason to believe that he or she did not enter Ohio for the primary purpose of enrolling in an Ohio institution of higher education and his or her enrollment is incidental to that main purpose.

Resident tuition and fees are $250 per quarter.

Nonresident tuition and fees are $600 per quarter.

Optional Fees

None.

PURDUE UNIVERSITY

Application

1973-1974 Deadlines:	Resident	June 30
	Nonresident	April 15
Fee:	None.	
Approximate Date of Notification:	Rolling admissions policy--three weeks after receipt of completed application.	

Tuition and Fees

A resident is defined as a person who has lived in Indiana for six consecutive months immediately prior to registration at Purdue.

Resident tuition and fees are $750 per year.

Nonresident tuition and fees are $1,600 per year.

Optional Fees

ROTC Uniform Deposit Fee	$20
Readmission Fee (for students previously dropped by the University)	50
Speech Clinic Fee	5 per semester
Graduation Fee	10
Late Registration Fee	25
Audit Fee - Resident	25 per credit hour
Audit Fee - Nonresident	50 per credit hour

UNIVERSITY OF WISCONSIN AT MADISON

Application

1973-1974 Deadlines:

Fall Semester	August 1	(resident freshmen)
	March 1	(nonresident freshmen)
	July 1	(transfers)
Spring Semester	December 15	(all students)
Summer Session	May 1	(all students)

Fee:	None.
Approximate Date of Notification:	Rolling admissions policy.

Tuition and Fees

A resident is defined as a person who has resided in Wisconsin for twelve consecutive months and who is not in the state principally for educational purposes and who meets other applicable provisions of Section 36.16 of the Wisconsin Statutes.

Resident fees for one semester:

Instructional Fee	$235
Student Health Fee	21
Facilities Reserve Fee	6
Memorial Union Fee	13
Intramural Fee	4
Total	$279

Nonresident tuition and fees for one semester:

Nonresident Tuition	$674
Instructional Fee	235
Student Health Fee	21
Facilities Reserve Fee	6
Memorial Union Fee	13
Intramural Fee	4
Total	$953

Optional Fees

None.

UNIVERSITY OF WISCONSIN AT MILWAUKEE

Application

1973-1974 Deadlines:	Semester I	August 30
	Semester II	December 20
	Summer Session	May 30
Fee:	None.	
Approximate Date of Notification:	Two weeks after application is complete.	

Tuition and Fees

A resident is defined as an adult (age nineteen or over) who has resided in the state for one year prior to entering the University; or, a person age eighteen or under whose parents have resided in the state for a period of one year prior to entering the University.

The following fees are subject to legislative processes which cannot be predicted at this time.

Resident tuition for 12 or more credits was $279 in 1972-1973.

Nonresident tuition for 12 or more credits was $953 in 1972-1973.

Optional Fees

None.

Appendix 4

ADMISSIONS REQUIREMENTS

Applicants are expected to apply using the forms and procedures outlined by the specific university. Freshman applicants are expected to submit an official high school transcript. CIC Universities, with the exception of the University of Wisconsin at Madison, require that students present scores from the ACT or SAT. In addition, transfer applicants are expected to submit separate, official transcripts sent directly from each institution previously attended.

For admissions purposes, a unit is generally considered to be one academic year of high school work in a specific subject.

CIC Universities will consider petitions from those students who do not meet stated admissions requirements.

Students should be aware that individual areas of specialization may have entrance standards and enrollment ceilings in addition to those for general admission.

Most CIC Universities use the Social Security number as a means of permanent student identification. Students who do not have such a number should obtain one from their local Social Security Office.

UNIVERSITY OF CHICAGO

THE COLLEGE

There is no rigid formula for admission. A strong secondary school record and high aptitude scores, for example, are not automatic credentials for admission, nor do a modest high school record and a median aptitude score necessarily mean an unfavorable judgment. The Committee on Admissions places great emphasis on a personal interview. This interest in the personal qualities of the candidate does not mean that the College is looking for a type, except in the general characteristic of a student body intellectually curious, alert, and independent, with confidence in its own ideas and with the courage of its convictions.

Freshman Admission

To be eligible for admission, a student should give evidence of preparation to undertake successfully the program of studies at Chicago. This evidence is sought in the quality of the academic and extracurricular record, in the recommendations of the principal and adviser, in evidence of personal promise and motivation, in scores on the SAT, and, finally, in the ability to write English clearly and effectively. Except in unusual circumstances, applicants will be interviewed by an admissions officer of the University or by an alumnus.

No inflexible emphasis is given to subject distribution. Candidates will be admitted more readily and will make more rapid progress in the College, however, if they have had thorough preparation in science, mathematics, English (especially English composition), history and foreign languages. It is recommended strongly that one foreign language be studied for three or four years. Achievement tests are not required. The College offers its own placement tests.

Early Entrance: Students with superior ability and maturity are eligible for admission after completion of two or three years of secondary school. They must be strongly endorsed by their high schools; they should normally have superior records and correspondingly high SAT scores. Once admitted, early entrants have the same status as other students.

Transfer Admission

A number of openings are available each year to students with excellent academic records for one or two years in another college or university. Students admitted as transfers should be able to qualify for a bachelor's degree in a total of four years of study, but no guarantee can be provided in advance. The actual time required and the proportion of general and special studies depend on the student's previous college courses and the program he or she wishes to pursue at Chicago. Students with

UNIVERSITY OF CHICAGO (continued)

more than two years of work elsewhere are strongly discouraged from applying for transfer.

All transfer applicants must request two letters of recommendation from previous college instructors. Admission to the College is in the Autumn Quarter only; all transfer students at the beginning of their first quarter in the College will take placement examinations.

Examinations Required

The SAT.

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE

COLLEGE OF LIBERAL ARTS AND SCIENCES

Freshman Admission

Applicants must be at least sixteen years of age. A fifteen-year-old who meets all other admission requirements may petition for admission.

High school graduation required: yes x no____

High School Rank	Subject Requirements	Units
Resident: upper 1/2 of graduating class or sufficiently high test scores Nonresident: upper 1/4 of graduating class	15 units with minimums as follows:	
	English	3
	Foreign Language	2
	Algebra	1
	Plane Geometry	1
	One or more units in at least two of the following for a total of 5 units: foreign language (in addition to the 2 required units), mathematics (beyond algebra and plane geometry), science (except general science), and social studies.	5

Credit for work completed prior to the ninth grade is accepted if it appears on the transcript of an accredited high school and is certified by the principal to be for a course equivalent in quality and quantity to the course ordinarily offered in that high school. Such credit usually applies to elementary algebra and foreign language; however, it might apply to any subject.

Transfer Admission

Applicants who have completed at an accredited college or university, with passing or failing grades, 18 or more quarter hours of university-level work must have achieved a minimum transfer grade point average of 3.0 (C) for most curricula. A student transfering to the University who was dropped from a previous collegiate institution for disciplinary reasons must submit a petition to the Director of Admissions and Records who will forward the petition to the appropriate agency.

Examinations Required

The ACT or the SAT.

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE (continued)

Entrance Examinations

Students who do not meet the high school subject requirements, or who are not high school graduates, or who have been graduated from an unaccredited secondary school may remove these deficiencies by passing examinations. Interested students should contact the Office of Admissions and Records for further information.

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UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

COLLEGE OF LIBERAL ARTS AND SCIENCES

Freshman Admission

An applicant must be at least sixteen years of age. The Dean of the College, however, may admit on petition a student fifteen years of age, who meets all other requirements for admission, and who is to reside while attending the University, with parents or guardian, or with someone selected by them.

High school graduation required: yes [✓ x] no____
(Provisions available for special admission of students not otherwise eligible.)

High School Rank	Subject Requirements	Units
Resident: Academically best qualified applicants accepted on the basis of a combination of percentile rank in class and test scores (either ACT or SAT) Nonresident: top 1/4 of graduating class	15 units with minimums as follows:	
	English	3
	Algebra	1
	Plane Geometry	1
	Foreign language	2
	One or more units in at least two of the following: additional foreign language, science (not general science), social studies, additional mathematics (beyond algebra and plane geometry) to equal five.	5
	For certain curricula, an additional unit in algebra and 1/2 unit in trigonometry are specified.	

Credit for work completed prior to the ninth grade is accepted if it appears on the transcript of an accredited high school and is certified by the principal to be for a course equivalent in quality and quantity to the course ordinarily offered in that high school. Such credit usually applies to elementary algebra and foreign language; however, it might apply to any subject.

Transfer Admission

Admission of transfer students is based on only the transfer work which is of such a nature as to prepare students to continue on to baccalaureate degree programs. Grades in other courses, such as technical courses similar in content and level to courses taught at the University, may be used in evaluation for admission upon recommendation of the Dean of the College to which the student seeks admission. Preference will be given to students who have completed

60 or more semester hours of work, although students with less than 60 hours may be admitted to certain curricula if they cannot continue in the curriculum at their present campus. Academically best qualified transfer applicants are accepted on the basis of pre-transfer grade point average. A minimum pre-transfer grade point average of 3.25, except that a resident of Illinois whose average is 3.0 or above but below 3.25, may be admitted upon approval of a petition by the Dean of the College and the Director of Admissions and Records. Nonresidents whose scholastic average is less than 3.25 will not be admitted. An applicant for admission by transfer, otherwise qualified, who is not in good academic standing at the previous institution, is required to obtain approval of the Dean of the College.

Examinations Required

The ACT or the SAT.

Entrance Examinations

Students who do not meet the high school subject requirements, or who are not high school graduates, or who have been graduated from an unaccredited secondary school may remove these deficiencies by passing examinations. Interested students should contact the Office of Admissions and Records for further information.

INDIANA UNIVERSITY

THE UNIVERSITY DIVISION

Freshman Admission (all incoming students with less than 27 semester hours enter the University Division)

High school graduation required: yes x no ___

High school rank	Subject Requirements	Units
Residents: top 1/2 of graduating class Nonresidents: top 1/4 of graduating class	English	4
	Foreign language	2 or more
	Mathematics *	2 or more
	Science	2 or more
	Other high school subjects	3 or more
	* two years of algebra plus trigonometry is suggested for students interested in curricula involving mathematics	

Examinations Required

The SAT or ACT examination is to be taken. Resident applicants are expected to test above average for high school seniors. Nonresident applicants are expected to test in the top one-fourth of high school seniors.

COLLEGE OF ARTS AND SCIENCES

Transfer Admission

Residents of Indiana are expected to have cumulative grade indexes of at least 2.0 (C) on a 4.0 system. Nonresident applicants are expected to have a B average or higher.

INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS

INDIANA UNIVERSITY PROGRAMS

Freshman Admission

High school graduation required: yes x no ___

High School Rank	Subject Requirements	Units
Residents: top 1/2 of graduating class Nonresidents: top 1/4 of graduating class	English	4
	Foreign language	2 or more
	Mathematics*	2 or more
	Science	2 or more
	Other high school subjects	3 or more
	* two years of algebra plus trigonometry is suggested for students interested in curricula involving mathematics	

Transfer Admission

Residents of Indiana are expected to have cumulative grade indexes of C or higher, at least 2.0 on a 4.0 system. Nonresident applicants are expected to have a B average or higher.

Examinations Required

The SAT or ACT examination is to be taken. Resident applicants are expected to test above average for high school seniors. Nonresident applicants are expected to test in the top one-fourth of high school seniors.

PURDUE UNIVERSITY PROGRAMS

Freshman Admission

High school graduation required: yes x no ___

High School Rank	Subject Requirements	Units
Residents: upper 1/2 of graduating class Nonresidents: upper 1/4 of graduating class	English	3
	History or social studies	1
	Algebra	1
	Plane geometry	1
	Advanced algebra	0.5
	Trigonometry	0.5

INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS (continued)

High School Rank	Subject Requirements (continued)	Units
	Laboratory science	1
	Advanced English, language, mathematics, science, or social studies	2
	Other high school subjects	5
		15

Transfer Admission

The Dean of Men or Dean of Women of each institution previously attended must complete and forward a personal report to the Office of Admissions.

Indiana residents must have a C average or better and out-of-state applicants must have a B average in all courses previously taken at a recognized college or university to be eligible for consideration. Transfer students must be in good academic, social, and disciplinary standing at the college(s) previously attended.

Examinations Required

All applicants who have not completed a full year of college work are required to take both the SAT and the English, mathematics, and chemistry achievement tests of the CEEB. Applicants who have not had or who are not taking chemistry should substitute another science test. The achievement tests are for placement rather than criteria for admission.

Indiana applicants will have their test results considered in conjunction with other available information. Out-of-state applicants must rank in the top third of the Purdue distribution (about 1100) on the SAT or meet the high school rank requirements above in order to receive consideration for admission.

UNIVERSITY OF IOWA

COLLEGE OF LIBERAL ARTS

Freshman Admission

There are no specific preparatory course requirements for admission to the University. However, the design of the undergraduate curricula assumes that students have a high school background, including four years of English, at least two and one-half years of mathematics (preferably three or more if the student plans to pursue a science major), two to four years of social studies, at least two years of science (preferably three or more for a science major), and at least two years (preferably four) of one foreign language.

Generally, applicants who have graduated or are approaching graduation in the upper half of their class in an approved Iowa high school may expect to be admitted unconditionally. Graduates of accredited high schools in other states must meet somewhat higher standards than Iowa high school graduates.

Iowa residents who are not in the upper half of their graduating class, graduates of a nonapproved high school, and non-high school graduates must take entrance examinations to demonstrate their general competence to do college work.

Transfer Admission

To qualify for unconditional admission to the College, a transfer student classified as an Iowa resident must have at least a 2.0 (C) grade point average in all previous college coursework. For non-residents, the minimum is 2.25. Prospective transfer students who do not qualify for unconditional admission may qualify for probationary admission through satisfactory completion of the ACT.

A prospective transfer student who is on academic suspension at the school last attended will not be considered for admission during the period of suspension, or if for an indefinite period, until six months have passed since the last date of attendance. A prospective transfer student who is under disciplinary suspension at the school last attended will not be admitted without the suspending school's clearance and a statement of the cause of suspension. A student admitted under these circumstances is admitted on probation.

Examinations Required

The University requires all entering undergraduate students to submit test scores from the ACT. Results of the SAT examinations may be offered in support of the application for admission, but registration may not take place until the ACT has been taken and the scores reported to the University.

UNIVERSITY OF MICHIGAN

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Freshman Admission

High school graduation required: yes x no ___

High School Rank	Subject Requirements	Units
No required rank is specified	2 major sequences (1 of which is English)*	6
	2 minor sequences*	4
	5 optional (elective) units	5
		15

*A major sequence is defined as three years of work in a specific subject, a minor sequence as two years of work in a specific subject. Major and minor sequences may be chosen as follows: English: a major sequence is required. Foreign Language: if presented as a major or minor sequence, a sequence must be developed in a single language (either modern or classical). Mathematics/Physics: one unit of algebra and one unit of plane geometry equal a minor sequence. A major sequence can be formed by adding to this minor sequence one unit or two one-half units from the following: one or one-half unit of algebra; one-half unit of solid geometry; one-half unit of trigonometry; or one unit of physics. Science: a sequence may be chosen from: one unit of physics (provided physics has not been used in a mathematics/physics sequence); one unit of chemistry; one unit of biology; one unit of botany; or one unit of zoology (if biology is elected, neither botany nor zoology may count--a unit of biology may consist of one-half unit of botany and one-half unit of zoology). Social Studies: units in history may be presented as a sequence. In forming either a major or minor sequence, one unit or two one-half units of any of the social studies may be counted--provided they were taken in the junior and senior years. Electives: any courses counted toward graduation by the high school.

Students are strongly advised to include two years of algebra, one year of plane geometry, and four years of a single foreign language in their high school programs.

Transfer Admission

Applicants are expected to have completed distribution coursework approximately equal to that completed by regular students in the College at the same stage of progress toward the degree. Preference will be given applicants who have junior standing.

UNIVERSITY OF MICHIGAN (continued)

Examinations Required

All applicants must present SAT scores. Freshmen, in addition, are required to take the test in English Composition and two achievement tests, chosen by the student, in any of the following subjects: biology, chemistry, physics, mathematics (level I or II), European history and cultures, American history and social studies, French, Hebrew, Latin (consult the College), Spanish, or Russian. The German Department has devised its own placement test to be given to students after their arrival on the campus. If a student has taken a modern foreign language in high school and intends to continue it in the College, one of these tests should be the reading and listening test in that language.

MICHIGAN STATE UNIVERSITY

UNIVERSITY COLLEGE

Freshman Admission

The University seeks to admit those students who can provide evidence of the intellectual performance and potential which will permit them to profit from programs of the academic rigor of those offered by Michigan State. The admissions decision takes into account all available information--grades, school rank, test scores, principal-counselor recommendations, leadership qualities, and appropriateness of proposed field of study in relation to the applicant's apparent abilities--but of these, the most important items always are high school grades.

High school graduation required: yes__x__ no____

The normal requirement is at least 16 units of high school work. A recommended distribution of units would include: four units of English, at least seven units from mathematics, science, language and social sciences, a minimum of three or more units from any of the above or vocational, commercial and industrial subjects or art or music. Remaining units may be from other subjects accepted by the secondary school for graduation. Many College of Natural Science and College of Social Science programs require one and one-half units of Algebra and one unit of geometry.

A freshman student may enroll with a major preference in the College of Arts and Letters, Natural Science, or Social Science. During the first two years, the student is dually enrolled in that College and the University College. The admission requirements as a junior to any of the three Colleges are:

1. Completion of at least 85 credits acceptable to the College.
2. An academic record in all work accepted by the College which at least meets the requirements of the Minimum Academic Progress Scale (MAPS).
3. Acceptance as a major by a department or interdepartmental program in the College.

Examinations Required

Either the ACT or SAT may be offered for admission.

MICHIGAN STATE UNIVERSITY (continued)

COLLEGES OF ARTS AND LETTERS, NATURAL SCIENCE, AND SOCIAL SCIENCE

Transfer Admission

An undergraduate student with above average grades in another institution of recognized standing is eligible to apply for admission to MSU. Acceptance is determined in the light of the applicant's previous academic record and his or her proposed program. Out-of-state students should have substantially a B average. In general, transfer students are admitted only after they complete two full years at a community college.

UNIVERSITY OF MINNESOTA

COLLEGE OF LIBERAL ARTS

Resident Freshman Admission

High school graduates or those with less than one year of college work should complete the first two pages of the Minnesota College Admission Form and submit it to the University through their high school counselor.

High school graduation required: yes____ no__x__

High School Rank	Subject Requirements	Units
College aptitude rating (CAR) of 50 or higher (CAR is the average of the student's high school percentile rank and his percentile rank among university freshman on a college aptitude test). The number admitted depends on staff and facilities available. Students with a high school rank of 90 or above are admitted automatically, but still must present ACT scores for placement and advising.	Applicants should complete 12 units in the last three years of high school*, at least 9 of them in English, social studies and history, mathematics, natural science, and foreign language. The following are required:	
	English	3
	Mathematics (including one unit in plane geometry)	2 or more
	Other of the specified areas	2 or more
	*Appropriate mathematics and foreign language courses completed before tenth grade may count toward these requirements, but not among the 12 units required in the last 3 years.	

Well-qualified students may be admitted without meeting the stated requirements. The College advises those who plan programs in mathematics, business, or the sciences to complete as much high school mathematics as they can. It also urges that those who seek B.A. degrees earn as many high school foreign language units as possible. Applicants for the B.F.A. degree are subject to the admission requirements stated above and to critical review, before their junior year, of their special abilities in the field they hope to enter.

Early Admission: Outstanding high school students who have not yet graduated may be admitted to the University, usually after the junior year. Such students must be sufficiently mature to adjust to University life and work. Personal interviews, comprehensive testing, and letters of recommendation from the high school principal or counselor and the parents are required. A student admitted under this plan normally does not receive a high school diploma.

UNIVERSITY OF MINNESOTA (continued)

Admission by Examination: Special examinations for admission may be taken by non-high school graduates who are nineteen years of age or older. These objective examinations measure general aptitude for college work rather than knowledge of specific subject areas. Most people who seek admission by this method have been out of school for more than a year.

Nonresident Admission

The University welcomes applications for admission from non-Minnesotans who have above average academic promise, superior high school or college records, and special interest in programs of this University. Nonresident applicants are considered on an individual basis by the college they wish to attend; thus, application materials and fees should be submitted well in advance of the regular deadline.

Examinations Required

Resident freshman applicants must submit scores from the ACT and the Minnesota Scholastic Aptitude Test. Nonresident freshman applicants must submit scores from either the ACT or SAT.

NORTHWESTERN UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

In considering the academic record of a candidate, attention is given to the subjects studied, the grades received in those subjects, and the rank in class. The subjects recommended in the accompanying list represent the minimum requirements for entrance to the University.

Although personal interviews are not required for admission, the admission officers emphasize that interviews are beneficial to the student.

Freshman Admission

High school graduation required: yes x no ___

High School Rank	Subject Requirements	Units
No required rank is specified	A minimum of 16 units, as follows:	
	English	4
	Foreign language	2-4
	Mathematics	3-4
	Laboratory science	2-3
	History; social science	2-4
	Electives	1-3

It is strongly recommended that students preparing for college take four years of work in English and do not substitute courses in other subjects for the regular fourth-year course in English. Two units of the same foreign language should be offered to be considered. Whenever possible, the student should study one language for three or four years rather than two languages for two years each.

Transfer Admission

Applicants must have completed their freshman year, must be in good standing, and must have maintained a satisfactory scholastic record. (A competitive average is no less than a B.) The student must present the results of his performance on any of the following: (a) the SAT, (b) three achievement tests of the CEEB, (c) the CLEP General Examination, or (d) the ACT. In addition, a reference form completed by the Dean of Men or Women in the college from which the student is transferring must be submitted. (Students must complete the last 23 quarter courses--two years--in residence at Northwestern to be eligible for a degree.)

NORTHWESTERN UNIVERSITY (continued)

Examinations Required

The SAT as well as achievement tests in English composition plus two others of the student's choice. ACT test results are accepted in lieu of SAT scores.

OHIO STATE UNIVERSITY

UNIVERSITY COLLEGE

Freshman Admission

High school graduation required: yes x no ☐

High School Rank	Subject Requirements	Units
No requirement specified	(The following are strongly recommended)	
	English	4
	Mathematics (not including general mathematics)	2
	Foreign language (one language)	2
	Science (not including general science)	2
	Social science (including American history and government)	as much as can be elected

NOTE: Transfer from University College (for freshmen) to a particular degree program may depend upon enrollment ceilings and other criteria of that program. A 2.25 (on a 4.0 system) average or above is required for admission to the undergraduate professional teacher education program in the College of Education.

COLLEGE OF THE ARTS AND SCIENCES

Examinations Required

The ACT is used for placement and counseling. The SAT is not required and may not be substituted for ACT scores. However, SAT scores may be used as one of the criteria for admission of nonresident applicants.

Transfer Admission

The eligibility of an applicant is determined through careful consideration of his or her previous academic record and his or her proposed program as curricular program enrollment ceilings permit. In general, an applicant for admission must submit a record of good standing with at least a C (2.00) average in all coursework attempted at all other colleges attended. Nonresident transfer applicants must present above average academic credentials. (A cumulative point-hour ratio of 2.25 or above is required for admission to the undergraduate professional teacher education program in the College of Education. Students should consult the College of Education Bulletin for further details concerning admission to the College of Education.)

PURDUE UNIVERSITY

SCHOOL OF HUMANITIES, SOCIAL SCIENCE, AND EDUCATION

Freshman Admission

High school graduation required: yes x no____

High School Rank	Subject Requirements	Units
Residents: upper 1/2 of graduating class	English	4
	Foreign language*	2
	History or social studies	1
Nonresidents: upper 1/3 of graduating class	Algebra*	1
	Plane geometry*	1
	Laboratory science	1
	Additional English, language, mathematics, science, or social studies	3
	Other high school subjects	2
		15

*Applicants for the Bachelor of Physical Education curriculum may present a single unit of mathematics and no foreign language, provided the units total 15.

Transfer Admission

All applicants must have a C average or better in all courses previously taken at a recognized college or university and must meet subject matter requirements to be eligible for consideration. Transfer students must be in good academic, social, and disciplinary standing at the college(s) previously attended.

Request that the Dean of Men or Dean of Women of each institution previously attended complete and forward a personal report to the Office of Admissions. (The form will be mailed to the applicant upon receipt of an application.)

Examinations Required

All applicants who have not completed a full year of college work are required to take the SAT or ACT and the English, mathematics, and chemistry achievement tests of the CEEB. Applicants who have not had or who are not taking chemistry should substitute another science test. The achievement tests are for placement rather than criteria for admission.

Indiana applicants will have their test results considered in conjunction with other available information. Nonresidents must rank in the top third of the Purdue distribution (about 1100) on the SAT or meet the high school rank requirements above in order to receive consideration for admission.

SCHOOL OF SCIENCE

Freshman Admission

High school graduation required: yes x no____

High School Rank	Subject Requirements	Units
Residents: upper 1/2 of graduating class	English	3
	History or social studies	1
	Algebra	1
Nonresidents: upper 1/3 of graduating class	Plane geometry	1
	Advanced algebra	0.5
	Trigonometry	0.5
	Laboratory science	1
	Advanced English, language, mathematics, science, or social studies	2
	Other high school subjects	5
		15

Transfer Admission

All applicants must have a C average of better in all courses previously taken at a recognized college or university and must meet subject matter requirements to be eligible for consideration. Transfer students must be in good academic, social, and disciplinary standing at the college(s) previously attended.

Request that the Dean of Men or Dean of Women of each institution previously attended complete and forward a personal report to the Office of Admissions. (The form will be mailed to the applicant upon receipt of an application.)

Examinations Required

All applicants who have not completed a full year of college work are required to take the SAT or ACT and the English, mathematics, and chemistry achievement tests of the CEEB. Applicants who have not had or who are not taking chemistry should substitute another science test. The achievement tests are for placement rather than criteria for admission.

Indiana applicants will have their test results considered in conjunction with other available information. Out-of-state applicants must rank in the top third of the Purdue distribution (about 1100) on the SAT or meet the high school rank requirements above in order to receive consideration for admission.

UNIVERSITY OF WISCONSIN AT MADISON

COLLEGE OF LETTERS AND SCIENCE

Freshman Admission

High school graduation (or its equivalent) required: yes x no ____

High School Rank	Subject Requirements	Units
upper 1/2 of the graduating class		
	English	3
	Algebra	1
	Geometry	1
	Two of the following: 2 units of a foreign language 2 units of history/social studies 2 units of natural science	4
	Electives in English, communication arts, foreign language (fractional units not accepted), history/social studies, natural science, algebra, geometry, trigonometry, analytic geometry, calculus, statistics	3
	Other electives (fractional units accepted)	4
		16

Transfer Admission

Transfer students are generally expected to present an overall C average, including a C average for the term prior to transfer.

Examinations Required

Test scores are not required for admission. However, students who do not qualify on the basis of their high school record may wish to submit test scores as evidence of their ability to succeed at UW-Madison. Students are encouraged to submit their ACT or SAT scores, if they have taken either test, for the purposes of advising.

UNIVERSITY OF WISCONSIN AT MILWAUKEE

COLLEGE OF LETTERS AND SCIENCE

Freshman Admission

High school graduation (or equivalent) required: yes x no ___

High School Rank	Subject Requirements	Units
Residents: upper 1/2 of graduating class or acceptable test scores	English	3
	Algebra	1
	Geometry	1
	Two of the following: 2 units of foreign language 2 units of social studies 2 units of natural science	4
Nonresidents: upper 2/5 of high school graduates	Academic electives in: English, speech, advanced algebra, analytic geometry, trigonometry, calculus, foreign language, history/social studies, or natural science	3
	Electives	4
		16

Extra-Standard Admission

Experimental Program: Some students are admitted who do not meet standard admission requirements but who have interests, ability, and college level potential. Black, white (including Spanish American) and American Indian students from various social and economic backgrounds are served through this program.

Early Admission: Outstanding high school students may be admitted as new freshmen before finishing high school if they have the required pattern of courses, high potential for scholarly achievement based on past performance and test scores, recommendation of teachers, recommendation of principal and counselor of the student's emotional and mental maturity, and the approval of the UWM Admissions Committee and the appropriate UWM dean.

Concurrent High School/College Enrollment: High school seniors may enroll in one or two courses at UWM if they have: upper 10% rank in class, completed the ACT or SAT tests, and have the recommendation of their principal or counselor and teachers in subject(s) desired.

UNIVERSITY OF WISCONSIN AT MILWAUKEE (continued)

The course(s) taken at UWM must be at a higher level than available in their high schools.

Transfer Admission

Wisconsin residents must present a grade point average of at least 2.0 (C). Out-of-state applicants must present a grade point average of at least 2.5 (C+). All transfer students must have been honorably dismissed from the college or university last attended.

Examinations Required

Either the ACT or the SAT.

APPENDIX 5

CIC INSTITUTIONS PARTICIPATING IN THE COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)

CIC Universities Giving Credit for the CLEP Examinations

General Examinations

University of Illinois at Chicago Circle (upon departmental approval)

University of Illinois at Urbana-Champaign (Humanities, Social Science-History and Natural Science only)

Indiana University (Humanities only)

University of Iowa

University of Michigan (upon departmental approval)

Michigan State University

University of Minnesota

Ohio State University (Mathematics only)

University of Wisconsin at Madison (UW norms)

University of Wisconsin at Milwaukee

Subject Examinations

University of Illinois at Chicago Circle (upon departmental approval)

University of Illinois at Urbana-Champaign (UIUC norms being developed)

Indiana University

University of Iowa (upon departmental approval)

University of Michigan (upon departmental approval

Michigan State University

University of Minnesota

Ohio State University

Purdue University

University of Wisconsin at Madison (upon departmental approval)

University of Wisconsin at Milwaukee

CIC Universities Administering the CLEP Examinations

General Examinations

University of Illinois at Chicago Circle

University of Illinois at Urbana-Champaign

Indiana University

University of Iowa

University of Minnesota

Ohio State University

Subject Examinations

University of Illinois at Chicago Circle

University of Illinois at Urbana-Champaign

Indiana University

University of Iowa

University of Minnesota

Ohio State University

CIC Universities Administering the CLEP Examinations (continued)

General Examininations	Subject Examinations
Purdue University	Purdue University
University of Wisconsin at Madison	University of Wisconsin at Madison
University of Wisconsin at Milwaukee	University of Wisconsin at Milwaukee

APPENDIX 6

BACCALAUREATE PROGRAMS

In listing the available baccalaureate degree programs available at each of the CIC Universities, the following degree abbreviations have been used:

+	Bachelor of Arts
!	Bachelor of Science
*	Bachelor of Fine Arts
#	Bachelor of Music
Ge	Bachelor of Science in General Education
&	Bachelor of Philosophy
T	a teaching degree in secondary education, which may appear in combination with any of the previously listed degrees

UNIVERSITY OF CHICAGO

Bachelor of Arts Degree Options:

1. Concentration in one of the five Collegiate Divisions--Biological Sciences, Humanities, New Collegiate Division, Physical Sciences, or Social Sciences.

2. Three years of general studies and one year of tutorial work on an individual project.

3. A professional-option program of three years of general studies and one year of study in the Graduate School of Business or the Graduate Library School. The Masters Degree is conferred in these programs after five years of study.

Bachelor of Science Degree Options:

The Bachelor of Science Degree is offered in certain fields of concentration in the Biological Sciences and the Physical Sciences, and is under joint jurisdiction of the College and the Division. In recent years, the Bachelor of Arts (Honors) Degree has replaced the Bachelor of Science Degree in some fields.

THE BIOLOGICAL SCIENCES

The Bachelor of Arts Degree is awarded to students in this Division. There is an option for earning the Degree with Special Honors. Though a major is not required, the basic departments and committees of the Division are:

Anatomy
Biochemistry
Biology
Biophysics
Developmental Biology
Evolutionary Biology
Genetics
Microbiology
Pathology
Pharmacology
Physiology
Theoretical Biology
Virology

THE HUMANITIES

Classics +
English +
Far Eastern Languages and Civilizations +
General Studies in the Humanities +
Germanic Languages and Literatures +
History + [1]
History of Art +
Linguistics +
Music +
Near Eastern Languages and Civilizations +
New Testament and Early Christian Literature +
Philosophy +
Romance Languages and Literature +
Russian Language and Literature +
Studio Arts +

[1] The History program is administered through the Division of Social Sciences. Consult an adviser about the Humanities degree option.

UNIVERSITY OF CHICAGO (continued)

THE NEW COLLEGIATE DIVISION

All students are awarded the Bachelor of Arts Degree. Programs of instruction are available as follows:

Analysis of Ideas and the Study of Methods
Civilizational Studies
History and Philosophy of Religion
History and Philosophy of Science
Philosophical Psychology
Tutorial Studies

THE PHYSICAL SCIENCES [1]

Chemistry + !
Geography +
Geophysical Sciences + !
Mathematics + !
Physics + [2]
Statistics + [2]

[1] Preparation for the teaching of science at the secondary-school level is provided by the Master of Arts in Teaching administered by the Graduate School of Education and normally follows the award of the undergraduate degree. Consult the Graduate School of Education Bulletin.

[2] A Bachelor of Arts with Honors is also available.

THE SOCIAL SCIENCES

Anthropology +
Economics +
Far Eastern Studies +
General Studies in the Social Sciences +
Geography +
History +
Indian Civilization +
Political Science +
Psychology +
Public Affairs +
Russian Civilization +
Sociology +

UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE

COLLEGE OF LIBERAL ARTS AND SCIENCES

Anthropology +
Biological Sciences ! !T
Black Studies +
Chemistry + ! !T
Classics +
Criminalistics !
Criminal Justice +
Earth Science !T
Economics +
English + +T
French + +T
Geography + +T
Geological Sciences !
German + +T
History + +T
Judaic Studies +
Latin American Studies +
Mathematics ! !T
Mathematics and Computer Science !
Music +
Philosophy +
Physics + ! !T
Polish + +T
Political Science +
Psychology +
Russian + +T
Slavic Languages and Literatures +
Sociology +
Spanish + +T
Speech and Theatre + +T
Student-Designed Curriculum +

Pre-Professional Curricula (The College offers nondegree curricula preparatory to entry into the following professional schools):

Medical Dietetics
Medical Record Administration
Medical Technology
Occupational Therapy
Physical Therapy
Predentistry
Prelaw [1]
Premedicine [2]
Prenursing
Prepharmacy
Preveterinary Medicine

[1] Some colleges of law admit students who have completed three years of college work. Consult the office of the Dean of Law of the college in which enrollment is contemplated for further information about admissions policies.

[2] The premedicine curriculum is a four-year program leading to a bachelor's degree. Students who enroll in this program choose a field of specialization and complete the usual graduation requirements of the College.

Art History Major

Consult the portion of the Bulletin for the College of Art and Architecture.

Elementary Education Major

Consult the portion of the Bulletin for the College of Education.

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

COLLEGE OF LIBERAL ARTS AND SCIENCES

Actuarial Science +
African Studies +
American Civilization +
Anthropology +
Asian Studies +
Astronomy + !
Biology + ! !T
Botany + !
Chemical Engineering !
Chemistry + ! !T
Combined Engineering-LAS Program ! [1]
Combined Science and Letters/Education Program for Mathematics Teachers +T !T
Earth Science !T
Economics +
English + +T
Entomology +
Finance +
French + +T
Geography ! !T
Geology + !
German + +T
Greek +
History +
History of Art +
Home Economics + !
Individual Plan of Study +
Italian +
Latin + +T
Latin American Studies +
Mathematics + ! !T
Mathematics and Computer Science + !
Medieval Civilization +
Microbiology + !
Music +
Philosophy +
Physics + ! !T
Physiology + !
Political Science +
Portuguese +
Psychology + !
Religious Studies +
Rhetoric and Composition +
Russian + +T
Russian Language and Area Studies +
Social Studies +T
Social Welfare +
Sociology +
Spanish + +T
Speech + +T
Statistics + !
Zoology + !

[1] Completion of this five-year program permits a student to earn a B.S. degree in some branch of engineering from the College of Engineering and a B.A. or a B.S. degree from the College of Liberal Arts and Sciences.

Preprofessional Curricula (The College offers nondegree curricula preparatory to entry into the following professional schools):

Medical Dietetics
Medical Record Administration
Medical Technology
Occupational Therapy
Physical Therapy
Precommunications
Predentristry
Prelaw [1]
Premedicine [2]
Prenursing
Prepharmacy
Preveterinary Medicine

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN (continued)

[1] Some colleges of law admit students who have completed three years of college work. Consult the office of the Dean of Law of the college in which enrollment is contemplated for further information about admissions policies.

[2] The premedicine curriculum is a four-year program leading to a bachelor's degree. Students who enroll in this program choose a field of specialization and complete the usual graduation requirements of the College.

Elementary Education Major

Consult the portion of the Bulletin for the College of Education.

INDIANA UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

Afro-American Studies +
Anatomy and Physiology +
Anthropology +
Astronomy +
Astrophysics !
Biological Sciences + !
Chemistry + !
Classical Studies +
Comparative Literature +
Computer Science +
East Asian Languages and Literatures +
Economics +
English +
Environmental Studies +
Folklore +
Forensic Studies +
French +
Geography +
Geology + !
Germanic Languages +
History +
History of Art +
Home Economics + !
Independent Learning Program +
Italian +
Journalism +
Linguistics +
Mathematics +
Medical Sciences !
Microbiology +
Music +
Near Eastern Languages and Literatures +
Optometry + !
Philosophy +
Physics + !
Plant Sciences +
Political Science +
Portuguese +
Psychology +
Public Affairs !
Radio and Television +
Religious Studies +
Slavic Languages and Literatures +
Social Service +
Sociology +
Spanish +
Speech +
Studio Practice + *
Theatre and Drama +
Zoology +

Teacher Education Curricula

Consult the School of Education, Undergraduate Program Bulletin.

DIVISION OF ALLIED HEALTH SCIENCES

Cytotechnology !
Medical Records !
Medical Technology !
Occupational Therapy !
Physical Therapy !
Public Health Administration !
Public Health Dental Hygiene !
Public Health Education !
Public Health Environmental Health !
Radiologic Technology !
Respiratory Therapy !

A.B./M.D. and A.B./D.D.S.

A student admitted to the Indiana School of Medicine or Dentistry after completing 90 hours in CAS, who has satisfied the Area I-IV requirements, including a concentration in the College, may apply 32 hours earned in the first year in professional school as electives and, at the end of that year, earn the A.B. Degree.

INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS

I = Indiana University degrees
P = Purdue University degrees

SCHOOL OF LIBERAL ARTS

Economics (I) +
English (I) + +T
French (I) + +T
German (I) + +T
History (I) + +T
Philosophy (I) +
Political Science (I) +
Sociology (I) +
Spanish (I) + +T
Speech and Theatre (I) + +T

SCHOOL OF SCIENCE

Biology (I) +
Chemistry (I or P)[1] ! !T
Geology (I) +
Mathematics (P) ! !T
Physics (P) ! !T
Psychology (I or P)[2] !

[1] Students may choose their degree from either Indiana or Purdue.
[2] Students may enter a Purdue program in Industrial Psychology or an Indiana program in Clinical Psychology.

DIVISION OF ALLIED HEALTH SCIENCES

Cytotechnology (I) !
Medical Records (I) !
Medical Technology (I) !
Radiological Technology (I) !
Occupational Therapy (I) !
Physical Therapy (I) !
Public Health: Administration; Dental Hygiene; Education; Environmental Health (I) !

PUBLIC AND ENVIRONMENTAL AFFAIRS

Criminal Justice (I) +
Metropolitan Studies (I) +

Nursing Major

Consult the School of Nursing Bulletin.

All Elementary Education and Secondary Education Majors

Consult the Division of Education Bulletin.

Prepharmacy and Preveterinary Medicine Majors

Consult the School of Science Bulletin.

INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS

Fine Arts Major

Consult the Herron School of Art Bulletin.

NOTE: Other IUPUI degree programs are available outside the traditional areas of liberal arts and sciences. This is particularly the case with Purdue degrees. For further information, consult the IUPUI Bulletin.

UNIVERSITY OF IOWA

COLLEGE OF LIBERAL ARTS

American Civilization +
Anthropology +
Art + * +T *T
Astronomy +
Botany + +T
Chemistry + ! +T
Child Behavior and Development +
Chinese Language and Civilization + [1]
Classics +
Earth Science ! !T
Economics + !
Elementary Education +T
English + +T
European Literature and Thought +
French + +T
General Science + ! [2]
General Studies [3]
Geography + !
Geology +
German + +T
Greek +
History + +T
Home Economics + ! +T
Italian +
Japanese Language and Civilization + [1]
Journalism +
Latin + +T
Linguistics +
Mathematical Sciences + +T
Microbiology !
Music + # +T #T
Philosophy +
Physical Education for Men + ! !T
Physical Education for Women + ! +T
Physics + +T
Political Science + +T
Portuguese +
Psychology + !
Recreation Leadership !
Religion +
Russian + +T
Social Studies + +T
Social Work +
Sociology + ! +T !T
Spanish + +T
Speech and Dramatic Arts + +T
Speech and Hearing Science + !
Special Education +
Zoology +

[1] A foreign studies certificate is also available.
[2] This is a major designed primarily for students interested in a professional area requiring a background in more than one science discipline. Specific programs exist for the following professional areas which meet the same basic requirements for graduation: Engineering-General Science Combination, Medical Technology, Nuclear Medical Technology, Physical Therapy, Predentistry, Premedicine, Preveterinary Medicine, and Science Teaching. Students not interested in one of the professional areas must meet with an adviser for structuring a specific program.
[3] Bachelor of General Studies.

Pre-Professional Program

Up to 30 semester hours of credit earned in another college of the University will be accepted toward the Bachelor's Degree by CLA provided all specific requirements for the Degree have been met, including the requirements for a major in some department or area of concentration. This makes it possible for the student who enters a professional college of the University, for which the Bachelor's Degree is not an admission requirement, to obtain a Bachelor's Degree from CLA upon successful completion of one academic year in the professional college.

UNIVERSITY OF MICHIGAN

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS

Afro-American and African Studies +
American Studies +
Anthropology + +T
Anthropology and Zoology +
Astronomy +
Biology + +T
Biophysics +
Botany +T
Cellular Biology +
Chemistry + ! +T
  B.S. in Chemistry and B.S. in Chemical Engineering [1]
Chinese +
Classical Archeology +
Computer and Communication Sciences +
East Asian Studies +
Economics + +T
English Language and Literature + +T
French + +T
General Science +T
Geography + +T
Geology and Mineralogy +
Germanic Languages and Literatures + +T
Greek + +T
History + +T
History of Art + +T
Human Nutrition !
Individualized Concentration Program +
Italian +
Japanese +
Journalism + +T
Judaic Studies +
Latin + +T
Liberal Arts/Architecture [2]
Liberal Arts/Dentistry [3]
Liberal Arts/Engineering [4]
Liberal Arts/Medicine [5]
Liberal Studies +
Linguistics +
Mathematics + +T
Medical Technology ! [6]
Microbiology +
Music +
Near Eastern and North African Studies +
Near Eastern Languages and Literatures +
Philosophy +
Physical Science +T
Physical Therapy ! [7]
Physics + +T
Political Science + +T
Prelegal Studies +
Preprofessional Program for Medicine and Dentistry +
Preprofessional Program in Social Work +
Psychology + +T
Psychology-Speech and Hearing Science +
Religion, Studies in +
Residential College + !
Romance Linguistics +
Russian + +T
Russian and East European Studies +
Social Anthropology +
Social Studies +T
Sociology + +T
Spanish + +T
Speech Communication and Theatre + +T
Speech Pathology and Audiology +
Zoology + +T

[1] A joint five-year program leading to these degrees.

[2] A joint program requiring a minimum of 12 terms which leads to the concurrent award of the Bachelor of Arts and Master of Architecture.

[3] Qualified students desiring to earn a baccalaureate degree in LSA and the D.D.S. Degree in the School of Dentistry of the University will be allowed a maximum of 15 hours of credit by the College for courses required by the School of Dentistry in the first two years of its curriculum.

UNIVERSITY OF MICHIGAN (continued)

[4] A joint program leading to the simultaneous award of bachelor's degrees from both colleges.

[5] Qualified students desiring to earn a baccalaureate degree in LSA and the M.D. Degree in the Medical School of the University will be allowed a maximum of 15 hours of credit by the College for courses required by the Medical School in the first two years of its curriculum.

[6] In addition to the Degree, the Certificate in Medical Technology is awarded to those students who have satisfactorily completed the full program.

[7] In addition to the Degree, the Certificate in Physical Therapy is awarded upon completion of the clinical requirements.

Bachelor of Science

Students who, in meeting the requirements for the Bachelor of Arts egree, earn 60 or more hours in mathematics and the physical and biological sciences may, at their option, be granted the egree Bachelor of Science.

Bachelor of General Studies

See Unique Programs. Note: B.G.S. students wishing a teacher's certificate must have the approval of both the B.G.S. counselor and the Recorder of the School of Education.

Elementary Education Major

Consult the School of Education Bulletin.

The Integrated Premedical-Medical Program (Inteflex)

See Unique Programs.

MICHIGAN STATE UNIVERSITY

COLLEGE OF ARTS AND LETTERS

American Studies +
Applied Music #
Art Practice + * +T *T
Chinese +
Chinese Language and Literature +
Classical Studies +
Comparative Literature +
English + +T
French + +T
German + +T
History + +T
History of Art +
Humanities +
Humanities-Prelaw +
Humanities-Pretheology +
Latin + +T
Music Literature +
Music Therapy #
Philosophy +
Theory and Composition #
Russian + +T
Religion +
School Music # #T
School Music and Music Theory #
Spanish + +T
Theatre + +T

COLLEGE OF NATURAL SCIENCE

Astrophysics !
Biochemistry !
Botany and Plant Pathology !
Chemistry ! !T [1]
Chemical Physics !
Entomology !
Geology !
Interdisciplinary Programs
    Biological Sciences ! !T
    Earth Science !T
    General Science !T
    Physical Science ! !T
Mathematics ! !T [1]
Microbiology and Public Health !
Nursing !
Physics ! !T [1]
Physiology !
Zoology !

[1] Students may petition the Dean for the Bachelor of Arts Degree.

COLLEGE OF SOCIAL SCIENCE

Anthropology + !
Criminal Justice +
Geography + ! +T !T
Multidisciplinary Programs + !
    Social Science !T
Landscape Architecture ! [1]
Political Science +
Psychology + !
Social Work +
Sociology + !
Urban Planning ! [2]

[1] Bachelor of Landscape Architecture.
[2] Bachelor of Urban Planning.

Residential Colleges

See Unique Programs.

Speech Majors

Consult the College of Communication Arts portion of the Catalog.

UNIVERSITY OF MINNESOTA

COLLEGE OF LIBERAL ARTS

Afro-American Studies +
American Indian Studies +
American Studies +
Anthropology +
Arabic +
Architecture +
Art History +
Biology + [1]
Biometry +
Chemistry +
Chicano Studies +
Child Psychology +
Chinese +
Classics +
Communication Disorders +
Computer, Information, and Control Sciences +
Economics + !
English +
French +
Geography +
Geology-Geophysics +
German +
History +
Hebrew +
Humanities +
International Relations +
Italian +
Japanese +
Journalism and Mass Communication +
Landscape Architecture +
Latin American Studies +
Linguistics +
Mathematics +
Microbiology +
Middle Eastern Studies +
Music + *
Philosophy +
Physics +
Physiology +
Political Science +
Portuguese +
Pretheology +
Psychology +
Religious Studies +
Russian +
Scandinavian Languages and Literatures +
Social Welfare +
Sociology +
South Asian Studies-Languages +
South Asian Studies-Indian Civilization +
Spanish +
Speech-Communication +
Statistics +
Studio Arts + *
Theatre Arts + *
Urban Studies +

[1] Because of limitations on space and teaching staff, admission at the junior or senior years may be restricted; it is imperative that students apply as early as possible.

Bachelor of Elected Studies

See Unique Programs.

Bachelor of Science Degree

This degree is new in the College and programs are just being developed. The major allows heavier concentration in one area than does the B.A.

UNIVERSITY OF MINNESOTA (continued)

Combined and Preprofessional Programs

In cooperation with other University colleges, the Arts College offers a seven to eight year program in Arts and Medicine leading to the B.A. and M.D. Degrees; a six to seven year course in Arts and Dentistry leading to the B.A. and D.D.S. Degrees; and a five to six year course in Arts and Architecture leading to the B.A. and B.Arch. Degrees.

Basic liberal education (one to three years) required for admission to some of the University's professional schools and colleges is offered by the College. These units are the Medical, Law, Dentistry, and Nursing Schools and the Colleges of Pharmacy, Biological Sciences, and Business Administration. Liberal arts preparatory work is also required for programs in medical technology, occupational therapy, and physical therapy.

Elementary + Secondary Majors

Consult the College of Education Bulletin.

COLLEGE OF BIOLOGICAL SCIENCES

Biology !
Biochemistry !
Botany !
Microbiology !
Zoology !

INSTITUTE OF TECHNOLOGY

The Institute offers the following six traditionally liberal arts majors in addition to study in other technical areas:

Bachelor of Chemistry
Bachelor of Computer Science
Bachelor of Science in Geology
Bachelor of Science in Geophysics
Bachelor of Mathematics
Bachelor of Physics

NORTHWESTERN UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

Evanston Majors

Anthropology +
Art +T
Astronomy +
Biological Sciences + +T
Chemistry + +T
Classics +
Economics +
English +T
English and American Literature +
English Composition +
French + +T
General and Comparative Literature +
Geography +
Geological Sciences +
German + +T
Greek +
History + +T
History and Literature of Religions +
History of Art +
Home Economics + +T
  Environmental Studies +
  Family in the Economy +
  Human Development +
  Nutrition and Food Sciences +
Interior Architecture and Design +
Italian +
Latin + +T
Mathematics + +T
Music +
Neuroscience Program [1]
Philosophy +
Physics + +T
Political Science +
Practice of Art +
Psychology +
Russian Civilization +
Slavic Languages and Literatures +
Social Sciences +T
Sociology +
Spanish +T
Spanish American Studies +
Spanish Language and Literature +

[1] The Neuroscience Program is not a major, but is designed so that a student may study practical as well as theoretical approaches to the study of brain function while majoring in biological sciences, chemistry, or psychology. Interested students should consult the brain research staff in the Psychology Department.

Special Programs

Upon the recommendation of a faculty member, the Curriculum Committee may approve an ad hoc advanced program of study for a student whose special and legitimate interests cannot be satisfied by one of the regular College programs.

Combined Courses

Combined courses of study which lead to a bachelor's degree from the College and a degree from a professional school are offered with the Northwestern University Dental and Medical Schools.

NORTHWESTERN UNIVERSITY (continued)

School of Speech

The School of Speech offers the Bachelor of Science Degree in Public Address and Group Communication, Interpretation, Theatre, Radio-TV-Film, Communicative Disorders, and Speech Education.

Residential Colleges

See Unique Programs.

Elementary Education Major

Consult the School of Education Bulletin.

Chicago Evening Divisions Majors

Anthropology and Psychology & Ge
Biological Sciences & Ge
English & Ge
Fine Arts & Ge
History & Ge
Mathematics & Ge
Personnel Work & Ge
Philosophy & Ge
Political Science & Ge
Psychology & Ge
Sociology & Ge
Spanish & Ge

OHIO STATE UNIVERSITY

COLLEGE OF THE ARTS

Art + [1]
Ceramic Art *
Church Music #
Dance *
Drawing-Painting-Graphics *
Education [2]
General Fine Arts *
History of Art + *
Music + [3]
Orchestral Instrument #
Organ #
Piano #
Product Design [4]
Sculpture *
Space and Enclosure Design [4]
Theatre + *
Theory or Composition #
Visual Communication [4]
Voice #

[1] Bachelor of Art Education.
[2] Two combined degrees are available:B.S./B.F.A. and B.S./B.Mus.
[3] Bachelor of Music Education.
[4] Bachelor of Science in Industrial Design.

COLLEGE OF BIOLOGICAL SCIENCES

Biochemistry + !
Biology + !
Botany + !
Entomology + !
Genetics + !
Microbiology + !
Zoology + !

COLLEGE OF HUMANITIES

Ancient History and Classics +
Arabic +
Black Studies +
Chinese +
Classics +
English +
French +
German +
Greek +
Hebrew +
History +
Italian +
Japanese +
Latin +
Linguistics +
Medieval or Renaissance Studies +
Philosophy +
Russian +
Spanish +

COLLEGE OF MATHEMATICS AND PHYSICAL SCIENCES

Astronomy + !
Chemistry + !
Computer and Information Science + !
Geodetic Science + !
Geology + !
Mathematics + !
Physics + !
Physiological Optics + !
Statistics + !

OHIO STATE UNIVERSITY (continued)

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

Anthropology +
Broadcast Journalism [1]
Economics +
Geography +
International Studies +
News-Editorial [1]
Political Science +
Public Relations [1]
Psychology + !
Social Science +
Sociology +
Speech +

[1] Bachelor of Arts in Journalism.

COLLEGES OF THE ARTS AND SCIENCES

Combination Curricula

Several OSU colleges have cooperated with the College of the Arts and Sciences in establishing combination curricula which lead to the granting of two degrees: A&S/The Arts (B.A. and College of the Arts degree); A&S/Dentistry (B.A. and D.D.S.); A&S/Education (B.A. and B.S. in Education); A&S/Graduate (B.A. and M.A.); A&S/Medicine (B.A. and M.D.). Students may select their arts and sciences major from any one of the five colleges.

Preprofessional Curricula

A student in the Arts and Sciences, who is working toward admission to a professional college, is expected to complete the fixed requirements for the Bachelor's Degree. Predentistry, Prelaw, Preveterinary Medicine, Premedicine, and Pretheology students may select their major from any one of the five colleges.

Special Curriculum in Dental Hygiene

The Colleges of the Arts and Sciences and the College of Dentistry offer a four-year program of liberal education and professional training. Students satifactorily completing the program are recommended for the Bachelor of Arts Degree and certification as Graduate Dental Hygienist. Students may select any one of the five colleges for their liberal arts preparation.

Personalized Study Program and Individualized Plan of Study

See Unique Programs.

Education Majors

For both elementary and secondary education, consult the College of Education Bulletin.

PURDUE UNIVERSITY

SCHOOL OF HUMANITIES, SOCIAL SCIENCE, AND EDUCATION

The School offers a choice of three patterns of study: (1) the area (maximum of 45 hours, of which at least 12 are in courses outside the major department); (2) the concentration (36 to 45 hours); or (3) the major (24 to 35 hours).

Areas

Arts and Crafts +T
Media Sciences (Education/ Library) +
Physical Education for Men +T
Physical Education for Women +T
Speech and Hearing Therapy !
Speech, General +
Theatre +

Concentrations

Fine Arts +
French +
German +
Industrial Design +
Interior Design +
Non-Western History +
Russian +
Sociology-Anthropology +
Spanish +
Speech Communication +
Theatre - Acting +
Theatre - Design +
Theatre - Directing +
Visual Design (Advertising Design) +
World History +

Majors

American History +
Anthropology +
Art History +
Arts and Crafts +T
Audiology and Speech Sciences !
Black Studies +
Community Health +
Elementary Education +T
  (with the following special endorsements: foreign language, junior high school, library, nursery-kindergarten, physical education, speech and hearing therapy)

Majors (continued)

English + +T
European History +
French + +T
German + +T
Health and Safety +T
Human Development +
Journalism +
Philosophy +
Physical Education for Men +
Physical Education for Men [1]
  (with the following options: sportscasting, sportswriting, sales, prephysical therapy, social work)
Physical Education for Women +
Physical Education and Healt for Women +T
Political Science +
Psychology +
Radio, Television and Film +
Recreation +
Russian + +T
School Library and Audiovisual Services +T
Science and Culture +
Social Studies +T
  (two of: economics, world history, U.S. history, government, sociology)
Sociology +
Spanish + +T
Speech +T
Speech and Hearing Therapy +
Speech Communication +
Theatre +

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[1] Bachelor of Physical Education.

SCHOOL OF SCIENCE

Biological Sciences ! !T
Chemistry ! !T [1]
Computer Sciences !
General Science !
Geosciences !
Mathematics ! !T
Medical Technology ! [2]
Physics ! !T
Premedicine/Predentistry ! [3]
Prepharmacy ! [4]
Statistics !

[1] Bachelor of Science or Bachelor of Chemistry available.

[2] Six semesters of work at Purdue taking three-fourths of the total credit hours required for graduation and all required courses followed by successful completion of one year of hospital training at an approved school of medical technology.

[3] Subject to the approval of the Dean, the senior year of the B.S. curriculum may be replaced by the first year at an approved medical or dental school, provided the conditions outlined in the Bulletin are met.

[4] Students take the first year in the School of Science, then transfer to the School of Pharmacy and Pharmacal Science.

UNIVERSITY OF WISCONSIN AT MADISON

COLLEGE OF LETTERS AND SCIENCE

African Linguistics +
African Literature +
Afro-American Studies +
American Institutions +
Anthropology +
Applied Mathematics, Engineering, and Physics +
Arabic +
Art History +
Asian Studies +
Astronomy-Physics +
Bacteriology +
Biochemistry +
Biological Aspects of Conservation +
Botany +
Cartography +
Chemistry +
Chinese Language and Literature +
Classics +
Communication Arts +
Communicative Disorders +
Comparative Literature +
Computer Science +
Computer Science and Statistics +
Correctional Administration Sociology +
Economics +
English +
French +
French Area Studies +
Geography +
Geology and Geophysics +
German +
Greek +
Hebrew +
Hebrew Studies +
History +
History and History of Science +
History of Culture +
History of Science +
Humanities +
Ibero-American Studies +
Indian Studies +
Individual Major +
International Relations +
Italian +
Japanese Language and Literature +
Journalism and Mass Communication +
Latin +
Linguistics +
Mathematics +
Medical Microbiology +
Medical Science + [1]
Medical Technology ! [2]
Meteorology +
Molecular Biology +
Naval Science +
Philosophy +
Physical Therapy ! [3]
Physics +
Polish +
Political Science +
Portuguese +
Psychology +
Russian +
Scandinavian Studies +
Sociology +
Spanish +
Statistics +
Zoology +

[1] This major is available to the undergraduate accepted into the UW Medical School who has completed all general degree requirements, except the major, which is fulfilled by the first year of medicine. At the end of that year, the Bachelor's Degree is awarded.

[2] A four-year B.S. degree program administered jointly by CLS and the Medical School. Enrollment is limited. The Medical School awards a certificate for satisfactory completion of the clinical portion of the program.

[3] A four-year B.S. degree program administered jointly by CLS and the Medical School. Enrollment is limited. A certificate is given by the Medical School upon satisfactory completion of the program.

UNIVERSITY OF WISCONSIN AT MADISON (continued)

Bachelor of Science Degree

A student who, in completing the requirements for the B.A. Degree, earns 60 or more credits in mathematics and natural science may elect the B.S. Degree.

Teacher Education Curricula

Consult the College of Education Bulletin.

Music Majors

Consult the School of Music Bulletin.

UNIVERSITY OF WISCONSIN AT MILWAUKEE

COLLEGE OF LETTERS AND SCIENCE

- Afro-American Studies +
- Anthropology +
- Applied Mathematics and Physics +
- Art History +
- Biological Aspects of Conservation + !
- Botany !
- Chemistry !
- Course in Chemistry !
- Classics
  - Greek +
  - Latin +
- Committee Interdisciplinary Major + !
- Communication
  - Speech Communication and Public Address +
  - Speech Pathology and Audiology +
- Comparative Literature +
- Economics +
- English +
- French +
- Geography +
- Geological Sciences !
- German +
- Hebrew Studies +
- History + [1]
- International Relations +
- Italian +
- Linguistics +
- Mass Communication
  - Journalism +
  - Radio-Television +
  - Mass Communication +
- Mathematics !
- Medical Technology !
- Philosophy +
- Physics !
- Political Science +
- Psychology +
- Russian +
- Sociology +
- Spanish +
- Zoology !

[1] Two options are available. Consult the College of Letters and Science Bulletin.

Teacher Education Curricula

Consult the School of Education Bulletin.

Preprofessional Programs

The College offers the following coursework which will prepare students for entry into professional programs:

- Predentistry
- Prelaw
- Premedicine
- Preoccupational Therapy
- Prepharmacy (including the first year of professional training)
- Prephysical Therapy

Bachelor of Arts - General Curriculum

See Unique Programs.

Music and Theatre Majors

Consult the School of Fine Arts Bulletin.